

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 23 No. 6

Annual Wine Tasting, Family Picnic and Awards Ceremony

The Santa Clara Valley Section will hold its annual Wine Tasting, Family Picnic and Awards Ceremony on July 28th (Saturday) at the Keck chemistry building on the Stanford campus. We will taste four intriguing wines from a Santa Cruz Mountain winery. The tasting will begin at 4:30 p.m. in the foyer of the Keck building.

New this year will be ACS wine glasses. Each adult will be able to take home a glass with the ACS logo. A self-serve buffet supper will begin at 5:30 p.m. on the patio of the nearby Mudd building. Recognition of the ACS 50 year members and Awards for the Santa Clara Valley Section will follow dinner.

The price for the dinner and tasting will be \$15.00. Children aged 4 to 12 are only \$5.00. Dinner is free for children under the age of four. The deadline for reservations is July 23rd. Payment is required in advance, as we are not allowed to accept

money on campus. Registration on the web is not available. This is an informal, relaxed event. There is a

large grassy area next to the Mudd building where children can play. Bring blankets for eating picnic style. If you require more proper seating, please indicate that on your reservation, and we will arrange for some tables and chairs.

Chair's Message

The school year has ended, vacations are planned and events have become more relaxed in the ACS. Following tradition, the section does not sponsor a meeting in June. But mark July 28th on your calendar for the Annual Wine Tasting, Family Picnic and Awards Ceremony. This has always been a casual, friendly time when members can get together to meet new friends, reminisce with old ones, or explore the Stanford campus. The Rodin Sculpture Garden and the Cantor Center for Visual Arts (Stanford Museum) are across Roth Road from the Keck building. A garden you may not be familiar with is also within walking of the Keck building – the New Guinea Sculpture Garden. Ten master New Guinea carvers created this unexpected area of native culture in 1994. It is located in an oak and cedar grove in front of Roble Dormitory on Santa Teresa Street, a few blocks west of the Chemistry Department.

One of our newer local section volunteers is Tricia Takahara. Tricia chaired the Chemistry Olympiad for Santa Clara Valley and was a judge at the Intel ISEF. Tricia works at Roche Bioscience when she is not volunteering. She thanked all of her helpers in her report elsewhere in the newsletter, but I want to thank her! The Olympiad was a big undertaking this year and we appreciate all of your work!

Besides the school year ending, this is the time of year for new graduates to *continued on next page*

RESERVATION FORM

Annual Wine Tasting, Family Picnic and Awards Ceremony

Stanford University – July 28, 2001

Deadline for Reservation – July 23, 2001

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

No. of Reservations at \$15.00 _____

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

Chair's Message, continued from front page

begin job searches in earnest. On June 1st JobSpectrum.org was introduced on the webpage of the national ACS www.jobspectrum.org/index.html.

JobSpectrum is an online career and employment connection from the American Chemical Society. Its purpose is to serve the chemical science community by connecting job seekers and employers online in ways that meet their needs and replaces the current Professional Data Bank (PDB). Our local-section-produced ChemEmployment still contains the most current job listings for chemists in Silicon Valley. But if you are looking for jobs or to list a job in other parts of the country, check out **JobSpectrum.org**.

On Thursday, May 10th your chair had the honor of representing the local section and the national ACS by presenting the national Special Awards to the students at the Intel International Science and Engineering Fair in San Jose. Special Awards were

presented by fifty scientific, professional and educational organizations to the talented young students from around the world. The awards continued on Friday at two other ceremonies. Government and industry awards and college scholarships were presented in the morning and the grand awards consisting of cash, computers and trips were presented in the afternoon. The judges for the ACS awards (that are mentioned elsewhere in the newsletter) and 1100+ other judges put in 1-2 long, intense days. Our section was well represented in several categories in addition to the Special Awards. Thanks to all of our members who volunteered their time and expertise to guide these students in their scientific careers. A special vote of thanks goes to the person responsible for all of these judges, our hardworking and persistent alternate councilor, Roy Okuda. Thank you for a job well done!

Continuing down memory lane

this month, I recently gathered some boxes of "stuff" from the San Jose State Chemistry Department. They had been storing old local section records for years. Included were back issues of the Vortex, the newsletter shared by the California section and several of the local sections that spun off from it. Forty-five years ago this month the dinner speaker was Dr. Wallace Brode, associate director of the NBS. Dinner was at a restaurant called Betty and Lee's; the entree was steak, and the cost \$2.30, tax and tip included! The topic of the talk was organic dyestuffs and it was held at the Chemistry Building at Stanford. In 1976 (25 years ago) we had a forum of four speakers discussing the nuclear power initiative. By then we had moved to the Stanford Research Institute in Menlo Park and the cost was \$5.50! In both cases reservations went to Shirley Radding!



CHEMISTRY OLYMPIAD Update

Fourteen of the top chemistry students from the Santa Clara Valley Chemistry Olympiad took part in the United States Chemistry Olympiad (USNCO) on April 21st, 2001, at Santa Clara University. The exam consisted of three sections: a multiple choice test (90 min.), a free response problem solving test (105 min.) and a laboratory practical (90 min.). It was a difficult way to spend a Saturday!

The tests were sent to national for grading and the results have not been released yet. If you would like to test yourself on the questions, go to www.acs.org/education/student/co02.html.

Thanks to all those who helped make this year's Olympiad a success!

Volunteers from the Santa Clara Valley Section included Bonnie

Charpentier, Mark Hasegawa, Robbie Korin, Bruce Raby, Roy Rocklin, Anton Simeonov, and Amy Takahara. Special thanks to Linda Brunauer and George Doeltz of Santa Clara University. Linda helped out extensively and facilitated the use of Santa Clara University's classrooms and labs for the national test, and George spent a great deal of time obtaining equipment and putting the lab practical sets together for the students. Also, a special thanks to Maureen Scharberg who volunteered as well as gave the students a great explanation of the lab practical problems right after they completed that section. The students really appreciated getting immediate feedback on how they did.

Also, a big thank you to the people at Roche who helped secure

funding and provided a place to hold the local section test. David Austin, Eric Sjogren, and Hans Maag provided funding. Keith Sonberg, George Leontovich, and Pam Costa arranged for the snacks, and Maria Ruiz put together the goody bags.

Another bit of good news is that all five of the local section test winners are juniors and plan to compete again next year! Overall, 51 of the 74 students who took the March qualifying test were sophomores or juniors and signed up to come back next year.



Intel International Science and Engineering Fair (ISEF)

On Wednesday, May 9, 10 ACS local section members spent long hours deliberating who will win ACS awards at the Intel International Science and Engineering Fair in San Jose. The Intel ISEF is the Olympics, the World Series and the World Cup of science competition. Now in its 52nd year, the Intel ISEF is the world's only science project competition for students in the ninth through twelfth grades. The Intel ISEF brings together students, teachers, corporate executives and government officials from

around the world. Students compete for over \$2 million in scholarships, tuition grants, scientific equipment and scientific trips. Prizes are awarded by companies, professional groups, governmental agencies, and universities. Grand Prizes for the top projects of the fair include \$50,000 scholarships and all expense-paid trips to the Nobel Prize ceremony in Stockholm.

During the week of May 6 - 12, over 1,200 high school students from over 40 countries gathered at San Jose Convention Center to present their lat-

est research in fields ranging from behavioral and social sciences to zoology, with chemistry, engineering and mathematics in between. With the quality seen at professional meetings, the projects' originality, depth and presentation greatly impressed the judges.

The ACS presented 4 cash prizes and 6 honorable mentions at the event. Each winner receives a certificate, plaque, t-shirt and subscription to ChemMatters. The following students won awards:

Place	Award	Name	Title
First	\$500	Michael Ng Patrick Li	Sol-Gel Synthesis of Yttrium Iron Garnet Magnets
Second	\$300	Jayanta Mohanty	Role of Electrostatics on the Dynamics of Ionic Oligomers through Random Media
Third	\$200	Amanda Busby	Glass IV: Toward a Standard
Fourth	\$100	Arun Thottumkara	Synthesis of User and Eco-Friendly Hypervalent Iodine Reagents
Honorable Mention		Title	
Laura Egerdal		Cysteine Reactivity in Stored and Fresh Rat Muscle Fibers	
Tyler Ellis		Comparison of Sulfonated Biomasses to an Acidic Ion-Exchange Resin for the Removal of Toxic Metal Cations from an Environmental Water Sample	
Emily Kraft		Effect of Pigment Size on UV-related Fading of Paint	
Alexander Dorofeev		Electrochemical Oxidation of Aryl Alkyl Ketones	
Terri Myers		Aluminum Enhancement by a Recently Discovered Thermoacidophile, Phase III: Study of Siderophore Production	
Jerry Chow		Ground State of a Quantum Well and the Magnetic Flux Quantum	



Sally Peters (upper left corner) with the winners of Intel International Science and Engineering Fair: A. Busby, J. Chow, A. Dorofeev, L. Egerdal, T. Ellis, E. Kraft, P. Li, J. Mohanty, M. Ng and A. Thottumkara.

Congratulations to these young scientists and to all who participated. For a list of all winners and projects of all prizes, see www.sciserv.org/isef/pressrel.asp.

Many thanks to the ACS judges who spent many long hours evaluating and discussing the projects: Steve Colby, Marcia France, Ruth Hathaway, Sarah Paquette, Charmaine Qiu, Jack Riley, Patricia Takahara, Jonathan Touster, Jodi Weseman, and Ean Warren.



ACS-SCV NOMINATIONS FOR 2002 PETITION CANDIDATES

Petition candidates can be nominated by the membership.

Offices are: **Chair-Elect, Secretary, Treasurer, Councilor, Alternate Councilor**

The requirements are:

- Member (Grade) of SCV Section.
- Agreement to run for the office.
- Agreement to attend Executive Committee meetings.

- Signatures of 15 Members (Member Grade) of the SCV Section.
- Petitions along with a brief biography and statement must be received by August 1, 2001

Mail nominations to:

Dr. Karl Marbenke
1710 Wilshire Drive
Aptos, CA 95003-2836

A New Program Committee A Need for Volunteers

The Executive Board of the Santa Clara Valley Section has approved the formation of a Program Committee under the leadership of the Chair-Elect. This committee's function is to select speakers for the monthly meetings, arrange meeting sites, and help with any other meeting program such as the social wine tasting event.

Several of the Executive Board members have already volunteered to serve but we are looking for new members from the general membership. The work will be shared by all the members of the committee. What

the Board is looking for is additional help in finding subject matter and speakers that will appeal to more of the membership.

Does this appeal to you? Do you have suggestions and would you like to work on this committee to attract interesting speakers?

Contact:

Jonathan Touster

650-723-4340

email: touster@leland.stanford.edu

or **Sally Peters**

650-854-4614.

email: speters@parc.xerox.com

New Career Services Publication

In April 2001, ACS Department of Career Services published "Tips on Writing a Curriculum Vitae," a Professional & Workforce newsletter that provides guidance on how to develop this vital tool when seeking an academic position. While there is general agreement that an academic application should include these elements — a C.V., a strong cover letter, a research proposal and a teaching philosophy — there is little consensus which one is most important. This article includes the advice of seven chemistry professors on how to write an effective C.V. For more information about the publication or other ACS Career Services products, please call 1-800-227-5558 or email: careers@acs.org.

ACS Sites

ACS Programs Web Site:

www.acs.org/acsprograms.html

- Membership Benefits (Career Services, Membership Services, Member Insurance, Non-Technical Member Benefits)
- Programs and Services (Awards, Belmont Conference Center, CAS Products and Services, ACS Matching Gift Fund, Career Services, Continuing Ed/Professional Development, Committee on Professional Training, Diversity Programs, Grants, International Activities, Meetings, Member Insurance, National Historic Chemical Landmarks Program, Office of Industry Member Programs, Office of Legislative and Government Affairs, Online Store, Student Affiliates Program)
- ACS Governance (Board of Directors and ACS President; 2000 ACS National Election; Committee List; Committee Home Pages; ACS Strategic Plan: 2001-2003; ACS Strategic Plan: 1998-2000; ACS Charter, Constitution, Bylaws and Regulations)
- ACS Annual Report (1999 Annual Report)

The Office of Graduate Education has a Web site:

www.acs.org/education/student/gradededucation.html

- ACS Resources and Services related to graduate education
- Career information
- Special Reports and Surveys
- Additional links to other resources

Please direct your inquiries to the Office of Graduate Education at (800) 227-5558 ext. 6176 during regular business hours 8:30 am - 5:00 p.m. (EST), e-mail at GradEd@acs.org.

ACS Clip Art: www.acs.org/clipart/

ACS Library and Information Center:

www.acs.org/informationcenter

Phone: (202) 872-4513

Fax: (202) 872-6257

E-mail: library@acs.org

smallTalk2001

The Microfluidics, Microarrays and BioMEMS Conference

Sheraton San Diego Hotel and Marina

San Diego, CA

August 27-31, 2001

Organized by the Association for Laboratory Automation (ALA) and now in its third edition, smallTalk has brought together leading international scientists, exhibitors, and an educational program for a dynamic event. For 2001, the distinguished scientific committee has expanded the scope of smallTalk to include topics in the fast-growing bioMEMS field. smallTalk has become the only conference covering all these technologies in a single event featuring many leading edge applications to the problems of chemical and biochemical analysis and characterization. We also have expanded the short course program to five courses and have an expanded exhibit area.

Keynote Speaker

DNA Chips and Whole Genome Scanning

Stephen Fodor, Chairman and CEO of Affymetrix

Plenary Speakers

Tool Companies: The Broad Impact on Biotechnology

Fariba Ghodsian, Roth Capital Partners

Different Concepts in 3d Microsystems

Stephen Jacobsen, University of Utah

Session Topics

- | | | | |
|------------------------|-------------------------|-------------------------|---------------------|
| -Microarrays | -Microreactors | -Genomics | -bioMEMS |
| -Biomaterials | -Proteomics | -Microfluidics | -Drug Discovery |
| -Tissue Engineering | -Molecular Diagnostics | -Small Molecule Arrays | -Separations |
| -Modeling | -Detection Technologies | -Microfabrication | -Materials |
| -Micro/Macro Interface | -Cell-Based Assays | -Bio-Artificial Hybrids | -Data Visualization |
| -RNA Expression | -Genetic Analysis | -Protein Analysis | -Informatics |

Short Courses

Intro to Lab Automation

Visual Basic

Microarrays

Microfluidics

Informatics

For complete information and Registration:

<http://Labautomation.org>

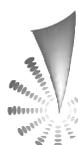
or contact: David Herold, MD, PhD

VAMC — 113, 3350 La Jolla Village Drive

San Diego, CA 92161

tel: 858.552.8585 x 7758

e-mail: dherold@ucsd.edu



smallTalk2001

Association for Laboratory Automation

CHEMEMPLOYMENT ABSTRACTS – JUNE 2001

CHEMEMPLOYMENT ABSTRACTS 3496

Position Title: Sr. Chemist/Staff Scientist

Job Description: Using liquid & gas chromatog & chem methods, perform method quality review, perform enhancement & develop & validate. Under minimal supervision, initiate reviews & any subsequent modification, establish timelines, communicate problems & solns *oversee other chemists contributing to projs.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD chem or pharmaceutical sciences

Experience: 5-8 yrs hands-on analytical exp in pharmaceutical industry. Should be a team player with knowledge of regulatory requirements for raw pharmaceutical usage & GMP stds.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Description of Employer: A research-based pharmaceutical company focused on developing & bringing to market prods with enhanced therapeutic value using our innovative drug delivery techniques.

Application Instructions: Send resume to:

Job Code 01-239, HR Dept.

Alza Corp.

1900 Charleston Road, P.O. Box 7210

Mountain View, CA 94039-7210

FAX: 650-564-5656

Email: jobs@Alza.com (ASCII files only)

Job Hotline: 650-564-5319

CHEMEMPLOYMENT ABSTRACTS 3497

Position Title: Associate Chemist

Job Description: Synthesis of new organic cpds to be evaluated as antimicrobial agents

QUALIFICATIONS DESIRED

Education: BS/BS or MA/MS org

Experience: At least 1 yr of independent research exp in org synthesis is required. A record of publication is desirable. Should also possess excellent communication skills & should have the ability to work both independently & as part of a multidisciplinary team.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Innovative Bay Area pharmaceutical company discovering new anti-infective agents.

Application Instructions: Send resume to:

Human Resources

Attn: Job Code 808-MCA

Microcide Pharmaceuticals Inc.

850 Maude Avenue

Mountain View, CA 94043

FAX: 650-526-3034

CHEMEMPLOYMENT ABSTRACTS 3498

Position Title: Research Associate, Analytical R&D

Job Description: Support development projs with chem (Chromatog) & physical analysis of pharmaceutical formulations including stability analysis. Conduct analytical methods development & validating. Prepare documentation & assist with tech reports.

QUALIFICATIONS DESIRED

Education: BS/MS chem or related field

Experience: 3+ yrs preferably in pharmaceutical industry. Significant exp with analytical instrumentation, esp HPLC/GC & computerized data systems. Thorough documentation skills & attention to detail. Good math, verbal & written communication skills. Knowledge of Word, Excel preferred. Prior exp with GLPs/HMPs preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Alameda

Salary: Competitive salary & benefits

Description of Employer: Ophthalmic pharmaceutical prod development.

Application Instructions: Send resume to:

InSite Vision, Inc.

HR, Job #RCAN01-ACS

965 Atlantic Avenue

Alameda, CA 94501

FAX: 510-747-1374

Email: leslieza@insite.com

www.insitevision.com

CHEMEMPLOYMENT ABSTRACTS 3499

Position Title: Organic Synthetic Chemist Biochip Development Dept

Job Description: Responsible for executing & conducting synthesis of novel org substances for biochip microarrays fabrication & protein assays. Apply hands-on exp to developing std operational procedures for novel derivatives & multifunctional reagents using broad range of functional groups, develop & implement methods for purification, including polymer derivatives

QUALIFICATIONS DESIRED

Education: BS or MS org chem

Experience: At least a few yrs related academic and/or industrial exp & ability to perform in diverse inter-disciplinary environment. Knowledge of NMR, chromatog, & other identification analytical techniques is desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits & stock options

Description of Employer: Bioinformatics company rapidly driving the future of proteomics & health care.

Application Instructions: Send resume, cover letter & 3

references to:

Email: kmeyer@lumicyte.com

FAX: 650-625-1776

Phone: 510-226-3953

CHEMEMPLOYMENT ABSTRACTS 3500

Position Title: Protein Separation Scientist, Protein Chemistry

Job Description: Responsible for developing & implementing of affinity chromatog strategies for protein separation on high-density biochip arrays surfaces. Development & evaluation of biochip functional performance using liquid-handling robotics & laser Mass Spect for protein analysis. Most responsibilities will be focused in lab & will participate & lead dynamic proj teams for solving client problems.

QUALIFICATIONS DESIRED

Education: PhD protein chem and/or related fields

Experience: 3-5 yrs relevant industrial exp, hands-on expertise in protein separation & bioconjugate chem & ability to perform in diverse interdisciplinary environment & familiarity with design of experiments a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits & stock options

Description of Employer: Bioinformatics company rapidly driving the future of proteomics & health care.

Application Instructions: Send resume, cover letter & 3

references to:

Email: kmeyer@lumicyte.com

FAX: 650-625-1776

Phone: 510-226-3953

CHEMEMPLOYMENT ABSTRACTS 3501

Position Title: Production Chemist

Job Description: Responsible for executing microarray std operational proc. for the production for the production of BioChips, maintaining lab function & chemicals supplies inventory.

QUALIFICATIONS DESIRED

Education: BS and/or MS org chem, preferable surface org & polymer chem

Experience: A few yrs industrial lab exp. Ability to perform in diverse interdisciplinary environment. Knowledge of one or more instruments for surface QC analysis with lass mass spect exp preferred. Familiarity with design of experiments is a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits & stock options

Description of Employer: Bioinformatics company rapidly driving the future of proteomics & health care.

Application Instructions: Send resume, cover letter & 3

references to:

Email: kmeyer@lumicyte.com

FAX: 650-625-1776

Phone: 510-226-3953

CHEMEMPLOYMENT ABSTRACTS 3502

Position Title: Engineer/Sr/ Engineer

Job Description: Obtain analytical data at US location in support of matl & contaminating characterization as well as failure analysis. The primary tools used are Ion Chromatog, GC/MS, FTIR & Raman Spect. Includes work assignment planning, coordination & interaction with customers & customer engrg managers as well as process & prod managers and engrgs. Be capable of working independently & have good communication skills to relay results & recommendations.

QUALIFICATIONS DESIRED

Education: BS/MS chem, chem engrgr or related field

Experience: At least 3 yrs exp in chem lab in computer or semiconductor ind or with contract service lab. Must be capable of to work in-dependently, good communication skills to relay results & recommendations. Exp in chromatog or spect desired.

LOCATION, SALARY, MAIL ADDRESS

Location: San Jose

Salary: Competitive salary & benefits

Description of Employer: Largest supplier of thin film disks.

Application Instructions: Send resume to: Attn: Staffing

1710 Automation Pkway

San Jose, CA 95131

Email: jobs@komag.com

FAX: 408-944-9543

Website: www.komag.com

CHEMEMPLOYMENT ABSTRACTS 3503

Position Title: Scientist - Computational Chemist

Job Description: Our rapid progress has created an exciting opportunity for computational chemists, modelers & scientific programmers to join our expanding, multi-disciplinary team. The candidate would participate in the development of computational models to be used in drug discovery & optimization programs.

QUALIFICATIONS DESIRED

Education: PhD, chem, computer science or related field.

Experience: Broad knowledge base in chem computation; proficiency in a programming language; Flexibility, creativity & excellent communication skills; exp with molecular modeling, molecular description, QSAR/QSPR & multivariate statistics.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park

Salary: Depends on experience

Description of Employer: Camitro is a progressive biopharmaceutical tech development company dedicated to development of innovative computational technologies for design, selection & optimization of novel drug compounds.

Application Instructions: Email CV to:

jobs@camitro.com

CHEMEMPLOYMENT ABSTRACTS 3504

Position Title: Senior Research Associate

Job Description: Will be primarily responsible for operation of both preparative & analytical LC/MS instruments, centrifugal evaporators & automated weighing & plating workstations in a high throughput purification groups using state-of-the-art mass directed fractionation technol. Will also assist in management & handling of corporate cpd library as well as help in general lab support tasks.

QUALIFICATIONS DESIRED

Education: BS/MS org chem, anal chem, bioengrg of chem engrg required.

Experience: Ability to run, maintain & troubleshoot HPLCs, mass spect & lab automation instrumentation is essential. Previous exp with instrument repair, Mass spect or reversed phase chromatog method development is desired. Proficiency with Mac & NT operating systems, familiar with MS Office & Excel a must.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City

Salary: Competitive

Description of Employer: Viral, fungal & bacterial infections & cancer.

Application Instructions: Email resume to:

gilead@rpc.webhire.com or

online at www.gilead.com.

indicate Job Code AF-1-198 on

subject line.

CHEMEMPLOYMENT ABSTRACTS 3505

Position Title: Manufacturing/QA Chemist Fine Chemicals Formulation

Job Description: Hands-on manufg process development support in pilot plant prod of high-value aqueous dye coating solns; develop/implement QA procedures for raw matls acceptance testing, analytical testing of ingredients using TLC, HPLC, UV spectro-photometry, etc. & product performance & stability testing.

QUALIFICATIONS DESIRED

Education: BS chem

Experience: 5+ yrs in manufacturing dept. Excellent oral & written communication skills required. Must be able to conduct lab & pilot plant testing & efficiently prepare written std operating & testing procedures. Exp in QA function in chem or pharmaceutical manufg company desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary based on experience

Description of Employer: Pre-IPO nanomaterials company

Application Instructions: Send resume to:

Optiva Inc.

377 Oyster Point Blvd. (Suite 13)

South San Francisco, CA 94080

FAX: 650-616-7602

Email: webmaster@optivainc.com

CHEMEMPLOYMENT ABSTRACTS 3506

Position Title: Manufacturing Engineer Fine Chemicals Formulation

Job Description: Responsible for hands-on installation/operation of pilot plant for prod of high value aqueous dye coating solns & assist in design, procurement & commissioning of first commercial facility. Excellent oral & written communication skills required.

QUALIFICATIONS DESIRED

Education: BS ChE required, MS desirable

Experience: 5+ yrs manufacturing exp in areas of process development/optimization (Chem mixing, soln conc by membrane & evaporative processes), proc qual/valid, prodn planning & scheduling, QA & ISO9000 documentation, equipment maintenance & cost control. Must be able to efficiently prepare written std operating & maintenance procedures. Exp with batch process modeling & clean room work in pharm or fine chemicals desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary based on experience

Description of Employer: Pre-IPO nanomaterials company

Application Instructions: Send resume to:

Optiva Inc.

377 Oyster Point Blvd, Suite 13

South San Francisco, CA 94080

FAX: 650-616-7602

Email: webmaster@optivainc.com

CHEMEMPLOYMENT ABSTRACTS 3507

Position Title: Scientist/Sr. Scientist Chem Test Methods Development

Job Description: Responsibilities include design, development, testing & documentation of methods to validate prods to specifications. Performing statistical numbers of tests to ensure reproducibility & reliability of raw matls, finished prods & in-process monitoring. Growth into managerial responsibilities.

QUALIFICATIONS DESIRED

Education: MS/PhD chem with some biol/biotech background

Experience: Industry exp developing & implementing chem tests using optical instrumentation, HPLC & NMR on raw & intermediate matls & biol assays on finished goods. Ability to work effectively in team setting with good written & oral communication, organization & presentation skills. 2 or more yrs in QA/QC desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward

Salary: Competitive salary, benefits options

Description of Employer: Pre-IPO co. in biol assays via proprietary quantum dot tech.

Application Instructions: Send CV to:

Quantum Dot Corp.

26136 Research Road, Hayward, CA 94545

FAX: 510-783-9727

Email: jobs@qdots.com

www.qdots.com

CHEMPLOYMENT ABSTRACTS 3508

Position Title: Protein Separation Scientist Protein Chemistry

Job Description: Responsible for developing & implementing affinity chromatog strategies for protein separation on high-density biochip array surfaces. Also involves developing & evaluation of biochip functional performance using liquid-handling robotics & laser mass spect for protein analysis. Will take part & lead dynamic proj teams for solving client problems using utility-driven protein discovery mission of LumiCyte.

QUALIFICATIONS DESIRED

Education: PhD protein chem and/or related fields.
Experience: preferably 3-5 yrs relevant industrial exp, hands-on expertise in protein separation & bioconjugate chem & ability to work in diverse interdisciplinary environment. Familiarity with design of exp (DOE) a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary, benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions: Send resume, cover letter to: kmeyer@lumicyte.com
FAX: 650-625-1776
Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3509

Position Title: Production Chemist

Job Description: Responsible for executing microarray std operational procedures for the production of BioChips, maintain lab function & chemicals supplies inventory.

QUALIFICATIONS DESIRED

Education: BS and/or MS org chem, preferably surface org & polymer chem.
Experience: A few yrs industrial lab exp. Ability to perform in diverse interdisciplinary environment. Knowledge of 1 or more instruments for surface QC analysis, with laser mass spect exp preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary, benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions: Send resume, cover letter to: kmeyer@lumicyte.com
FAX: 650-625-1776
Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3510

Position Title: Laboratory Technician (2 openings)

Job Description: Responsible for assisting R&D scientists. Perform general lab work, executing solid-phase & soln-phase org synthesis needed for biochip microarray fabrication & protein assays. Maintain reagent inventories & order supplies. Responsibilities will be focused in the lab & supporting dynamic project teams.

QUALIFICATIONS DESIRED

Education: BS org chem
Experience: Some related academic and/or industrial exp. Ability to perform in diverse interdisciplinary environments. Knowledge of basic lab methods is desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary, benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions: Send resume, cover letter to: kmeyer@lumicyte.com
FAX: 650-625-1776
Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3511

Position Title: Principal Research Associate Medicinal Chemistry

Job Description: synthesize novel organic molecules with potential biological activity & will focus efforts on optimizing chemical leads for potency, selectivity & pharmacokinetic profile.

QUALIFICATIONS DESIRED

Education: MS/PhD in org chem
Experience: A minimum of 6 yrs lab exp in organic synthesis

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive salary with attractive equity position & full benefits
Description of Employer: A leading biopharmaceutical company focused on the development of novel small molecular drugs that work thru the regulation of gene expression.

Application Instructions: For immediate consideration, please email your resume to: resume@tularik.com or mail to: Tularik Inc. HR Department Two Corporate Drive South San Francisco, CA 94080 www.tularik.com

CHEMPLOYMENT ABSTRACTS 3512

Position Title: Research Associate Medicinal Chemistry

Job Description: You will synthesize novel organic molecules with potential biological activity & will focus your efforts on optimizing chemical leads for potency, selectivity & pharmacokinetic profile.

QUALIFICATIONS DESIRED

Education: BS/MS org chem
Experience: A minimum of 2 yrs lab exp in org synthesis.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive salary with attractive equity position & full benefits
Description of Employer: A leading biopharmaceutical company focused on the development of novel small molecular drugs that work thru the regulation of gene expression.

Application Instructions: For immediate consideration, please email your resume to: resume@tularik.com or mail to: Tularik Inc. HR Department Two Corporate Drive South San Francisco, CA 94080 www.tularik.com

CHEMPLOYMENT ABSTRACTS 3513

Position Title: Principal Research Associate Combinatorial Chemistry

Job Description: You will be a member of a multidisciplinary team involved in the development of novel synthetic methodologies in support of Tularik's Combinatorial & Parallel Synthesis effort. You will develop synthetic & computational tools for design of focused compound libraries.

QUALIFICATIONS DESIRED

Education: MS/PhD org chem
Experience: A minimum of 7 yrs lab experience in org synthesis

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive salary with attractive equity position & full benefits
Description of Employer: A leading biopharmaceutical company focused on the development of novel small molecular drugs that work thru the regulation of gene expression.

Application Instructions: For immediate consideration, please email your resume to: resume@tularik.com or mail to: Tularik Inc. HR Department Two Corporate Drive South San Francisco, CA 94080 www.tularik.com

EMPLOYMENT HELP IN OTHER AREAS OF CALIFORNIA

The following are names and addresses of contacts in other California Sections. You may write to them or call to find out how to receive their job listings or how to place a job listing with them. Do not send self-addresses envelopes unless requested to do so.

California Section

Mrs. Nancy Gephart
American Chemical Society
California Section
49 Quail Court
Walnut Creek, CA 94596
925-287-8055
e-mail: office@calacs.org

California Los Padres Section

Dr. Sandra Lamb
Chemistry Dept.
University of California,
Santa Barbara
Santa Barbara, CA 93106-9510
e-mail: lamb@chem.ucsb.edu

Mojave Desert Section

Dr. Peter Zarras
NAWCWD, Code 4T4220D
1 Administration Circle
China Lake, CA 93555
760-939-1396
e-mail: zarrasp@navair.navy.mil

Orange County Section

Geoff Anderson
Hycor Biomedical
78272 Chapman Avenue
Garden Grove, CA 92641
714-895-9558
Ron Denedour
23731 Coronel Drive
Mission Viejo, CA 92691-3306

Sacramento Section

John R. Bingham
809 W. Stadium Lane
Sacramento, CA 95209
916-927-7088
916-927-7006 FAX

San Diego Section

Renate Valois
619-260-4513
619-260-2211 FAX
e-mail: pascal@acusc.edu

San Gorgonio Section

Valerie Barrett
Sunkist Growers
e-mail:
vbarrett@sunkistgrowers.com

Southern California Section

Send a self-addressed, 55 cent stamped business envelope to:
ACS job listing
14934 South Figueroa Street
Gardena, CA 90248
310-327-1216
e-mail: office@scalacs.org
www.scalacs.org/employ.html





SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
P.O. Box 395, Palo Alto, CA 94302

Non-Profit
Organization
U.S. Postage
PAID
Permit No. 344
Palo Alto, CA

JUNE 2001 NEWSLETTER TOPICS:

Annual Wine Tasting, Family Picnic and Award Ceremony
Chair's Message
Chemistry Olympiad Update
Intel International Science and Engineering Fair (ISEF)
ACS-SCV Nominations for 2002 Petition Candidates
A New Program Committee – A Need for Volunteers
New Career Services Publication
ACS Web Sites

CHEMPLOYMENT ABSTRACTS



<http://www.scvacs.org>

SANTA CLARA VALLEY SECTION

2001 SECTION OFFICERS

Chair	Sally Peters	650-812-4994
Chair-Elect	Jon Touster	650-723-4340
Secretary	Karl Marhenke	831-479-6263
Treasurer	Hong Gao	650-564-5197
Past-Chair	Ean Warren	650-329-4554

Councilors

1999-01	Herb Silber	408-924-4954
2000-02	Maureen Scharberg	408-924-4966
2000-02	John F. Riley	650-328-4036
2000-02	Ean Warren	650-329-4554
2001-03	Linda Brunauer	408-554-6947
2001-03	Bonnie Charpentier	650-354-2344
2001-03	Sally Peters	650-812-4994

Alternate Councilors

1999-01	Peter Rusch	650-941-8120
1999-01	Jon Touster	650-723-4340
2000-02	Roy Okuda	408-924-2525
2000-02	Donna Drogos	408-265-2600
2000-02	Lance Wong	650-829-1148
2001-03	George Lechner	408-226-7262
2001-03	Howard Peters	650-324-1677

Newsletter Editor

Steven Colby 650-812-3424
e-mail: scolby@carr-ferrell.com

FUTURE MEETINGS

May 4 - Jun 19	Illustrating Nature Exhibit Santa Cruz
Jun 14-15	Ground Water Contaminates No. CA MTBE & Fuel Oxygenates
Jul 28	Annual Wine Tasting & Awards <i>Stanford University</i>
Aug 26-30	National ACS Meeting Chicago, IL
Sep 6	Biodegradation of MTBE under Methanogenic Conditions <i>N. Calif. MTBE Committee</i>
Sep 20	SCV Dinner Meeting
Oct 28-31	Western Regional Meeting Santa Barbara

CHEMPLOYMENT ABSTRACTS

Shirley B. Radding, Director
Phone: 408-246-2564 FAX: 408-296-8625
e-mail: sradding@att.net



Printed on
recycled paper.