

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 21 No. 11

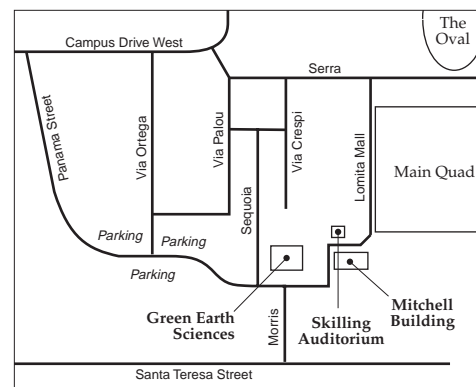
## A Joint Meeting with the Bay Area Mass Spectrometry (BAMS) Another SHRIMP on the Barbie: Geological Applications of the SHRIMP RG

*Dr. Trevor Ireland*



The Sensitive, High-Resolution Ion Microprobe (SHRIMP) allows in situ isotopic analyses of solid targets on a microscale. A primary ion beam of oxygen or cesium is focused onto the surface and erodes the sample with a small fraction of sputtered material becoming ionized. The analysis of geological materials is complicated by the presence of a wide variety of molecular isobaric interferences which differ only slightly in mass from the atomic species. Ion microprobes utilize high mass resolution mass spectrometers to enable resolution of interfering species. The SHRIMP RG, operated on a collaborative basis between Stanford University and the US Geological Survey, brings unprecedented mass resolving power enabling tasks that have hitherto been very difficult. Applications of the SHRIMP RG so

far include analysis of extraterrestrial materials for evidence of short-lived radionuclides in the solar system, U-Pb geochronology of complexly (age) zoned U bearing minerals, and trace element analyses of materials as varied as otoliths, clay in coal, refractory inclusions in



meteorites and other geological materials. Information about the SHRIMP instrument can be found at <http://shrimprg.stanford.edu>

*continued on next page*

## November Dinner Meeting

**Date:** November 18, 1999

**Social Hour:** 6-7pm, Mitchell Building, Stanford University

**Dinner:** 7-8pm, Hartley Conference Room, Mitchell Building

**Talk:** 8-9pm, Skilling Auditorium (All are welcome)  
*Trevor Ireland*, Director of the Sensitive, High-Resolution Ion Microprobe

**Tours:** 9pm, Green Earth Sciences Building (In groups of 10)

**Menu:** Tender Mushroom-baked Chicken, Fresh Salmon, Vegetarian Baked Eggplant, Hearty California Green Salad, Rice, Boysenberry-Raspberry Cobbler, Chocolate Pudding Cake, Coffee and tea

**Cost:** \$25 per person, *Reservation by November 15*

**Reservations:** Shirley Radding email: [sradding@att.net](mailto:sradding@att.net)  
(Preferred method of contact)

Phone: 408 246-2564 Fax: 408 296-8625

Caller should state name, company affiliation and whether they are members of ACS, BAMS or both. There will be a limit of 60 people for dinner, but we can accommodate up to 100 for the talk. People do not have to attend the dinner to hear the talk. Reservations will be taken on a first-come, first-serve basis.



and [http://rses.anu.edu.au/rses/Probe/Ion\\_Probe\\_website.html](http://rses.anu.edu.au/rses/Probe/Ion_Probe_website.html) web sites.

Dr. Trevor Ireland received his Ph.D. from the Australian National University, Canberra, Australia in Isotope Geochemistry in 1987. His thesis title was Isotopic compositions and systematics of refractory inclusions from carbonaceous chondrites. His work has taken him to Otago University, Dunedin, New Zealand; McDonnell Center for the Space Sciences Washington University, St. Louis; Max-Planck Institut für Chemie, Mainz, Germany; The Australian National University, Canberra, Australia; University of California, Los Angeles; and finally, to Stanford University where he currently an Assistant Professor in the Department of Environmental and Geological Sciences and the Director of the SHRIMP facility. His professional interests include chemical and isotopic systematics of refractory inclusions in carbonaceous chondrites, isotopic systematics of interstellar dust, zircon U-Pb



geochronology, cosmochronology, geology and geochronology of New Zealand, Antarctica, and Australia.

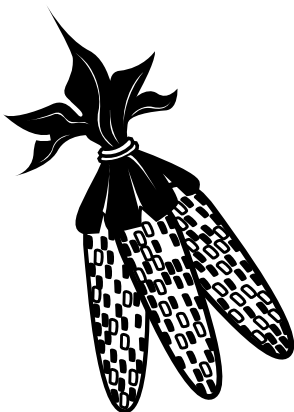
## Chairman's Message

By the time you will be reading this message our program "Inventors Make a Difference" day at Intel would have been completed. Considerable effort had been put into it especially by Dr. Howard Peters, who was responsible for conceptualizing the idea as well as its implementation. Next month's issue will contain the details of the day as well as some photos. The very important messages we hope were driven home to the public were that inventors are real people and how much does chemistry contribute to our every day life.

The news from the National ACS is that they would like to have the Sacramento trip and the meetings with the California legislators an annual event. If you missed the trip last April, try to make plans to participate next year. Plans and date are still in the planning stage. Since California is a major factor in

the national political and economic equation, ACS is focussing very hard on our state. All those who participated in the April 23, 1999 trip stated that it was a fun experience worth repeating.

Students' Affiliates, mark your calendar. The year 2000 ACS National meeting will be in San Francisco between March 26 and 31. The ACS will provide you with an outstanding opportunity to attend the meeting for free and earn \$7.00/hour by helping with some of the Society's administrative tasks. The number of positions available are limited and shared with the students of the California Section. If you are interested, please drop me an e mail at [esp@value.net](mailto:esp@value.net) or call me at 925-449-2664 to have your name on the list.



# CHEMPLOYMENT ABSTRACTS – NOVEMBER 1999

## CHEMPLOYMENT ABSTRACTS 3232

**Position Title:** Manager, Product Development

**Job Description:** Reporting to the President, manage prod & development function with staff of 8. Includes significant interface with customers & suppliers; & with client's sales & manufacturing organizations.

### QUALIFICATIONS DESIRED

**Education:** BS Chem, Chem Engrg of polymer engrg.  
**Experience:** Less than 10 years post-graduation relevant exp is required for this position.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Southern California  
**Salary:** \$80k max + bonus  
**Description of Employer:** Manufacturer of high performance rubber seals.

**Application Instructions:** Send resume to:

Refer to #134-80-ACS  
Ken Jones, Partner  
O'Shea Divine & Co.  
4 Civic Plaza, Suite 350  
Newport Beach, CA 92660  
email: ken@divinesearch.com  
FAX: 949-720-9628

## CHEMPLOYMENT ABSTRACTS 3233

**Position Title:** Organic Chemist

**Job Description:** Perform organic chemical synthesis of insect pheromones on a bench scale and evaluate/confirm results through analytical measurement. Assist-develop synthetic routes/methods.

### QUALIFICATIONS DESIRED

**Education:** BS, MS or PhD Chemistry  
**Experience:** 3 yrs min in industry R&D or production lab. Exp with various analytical instruments/methods desirable. Demonstrated discipline with record keeping & reasonable communication skills.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Monterey area (Salinas)  
**Salary:** Competitive salary & benefits  
**Description of Employer:** Global mfr/supplier of pheromone/kairomone based insect monitoring systems. Developing pheromone/kairomone based control.

**Application Instructions:** Send res & sal reqs to:

Bill Lingren  
Trece Inc.  
1143 Madison Lane  
Salinas, CA 93907  
FAX: 831-758-2625  
email: blingren@trece.com

## CHEMPLOYMENT ABSTRACTS 3234

**Position Title:** Computational Chemist

**Job Description:** Responsible for chemo-informatics applied to bioactive design. Responsible for uncovering statistical relationships in biological & structural data over large compound libraries & in the development of new chemo-informatics technologies form classification & cpd selection.

### QUALIFICATIONS DESIRED

**Education:** PhD Chemistry  
**Experience:** A strong background in chemo-informatics applied to bioactive design. A demonstrated ability to program in Fortran or C is essential & exp with statistical & database pkges a plus.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** South San Francisco  
**Salary:** Attractive compensation package  
**Description of Employer:** A drug discovery company targeting unmet medical needs in a variety of therapeutic areas.

**Application Instructions:** Send resume to:

Telik, Inc.  
Attn: HVCC  
750 Gateway Blvd  
South San Francisco, CA 94080  
FAX: 650-244-9388  
www.telik.com

## CHEMPLOYMENT ABSTRACTS 3235

**Position Title:** Scientist I - Analytical Computational Chemist

**Job Description:** Responsible for the creation, development & implementation of efficient algorithms for in-depth analysis, of small molecule & peptide data derived from LC/MS/MS & related techniques. Also, will use peptide data to perform protein structure elucidation using novel modeling technique.

### QUALIFICATIONS DESIRED

**Education:** PhD, computational chemistry or closely related field  
**Experience:** Proven exp analyzing complex data sets is a must as is the ability to visualize & report results. Excellent communication and team work skills are essential.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Emeryville  
**Salary:** Commensurate with experience  
**Description of Employer:** Broad expertise with vaccines, blood testing & therapeutics enables us to target cancer, cardiovascular & infectious diseases.

**Application Instructions:** Send res w/sal reqs to:

Chiron Corporation  
Job Code 3868, HR  
4560 Horton Street  
Emeryville, CA 94608

## CHEMPLOYMENT ABSTRACTS 3236

**Position Title:** Associate I/II, Analytical Dept

**Job Description:** Responsible for measuring physicochem properties of small molecules, such as pKa, LogP & solubility using automated techniques. Also, develop & run HPLC assays for quantification & characterization of small molecules.

### QUALIFICATIONS DESIRED

**Education:** BS/MS chemistry or a closely related field  
**Experience:** 2 yrs relevant exp. Exp with HPLC, Mass spectrometry & computers is recommended & past performance of physicochem measurements of small molecules a plus. A team player with exceptional communication skills is ideally suited to this position.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Emeryville  
**Salary:** Commensurate with experience  
**Description of Employer:** Broad expertise with vaccines, blood testing & therapeutics enables us to target cancer, cardiovascular & infectious diseases.

**Application Instructions:** Send res w/sal reqs to:

Chiron Corporation  
Job Code 3955, HR  
4560 Horton Street  
Emeryville, CA 94608

## CHEMPLOYMENT ABSTRACTS 3237

**Position Title:** Research Associate, Chemistry

**Job Description:** Carry out & optimize the synthesis of Quantum Dot fluorescence, UV/VIS, & other analytical techniques

### QUALIFICATIONS DESIRED

**Education:** BS/MS chemistry or chem Engrg  
**Experience:** At least 2 yrs industrial exp handling air-sensitive matls using a glove box or other airless technique. Familiarity with analytical techniques such as spectroscopy & microscopy is desirable. Excellent organizational & communication skills are also important.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Palo Alto  
**Salary:** Competitive salary, benefits & stock options  
**Description of Employer:** Dedicated to the development of new technologies for biological research. Quantum dot particles are a new matl that promise fundamental changes in biological labeling.

**Application Instructions:** Send resume to:

Human Resources  
(CHEM-10/99)  
Quantum Dot Corp.  
4030 Fabian Way  
Palo Alto, CA 94304  
FAX: 650-812-7660  
email: jobs@qdots.com

## CHEMPLOYMENT ABSTRACTS 3238

**Position Title:** Chemical Development Chemist

**Job Description:** Develop robust multistep synthetic processes for prep of new products & oversee the transfer of these processes into our manufacturing environment.

### QUALIFICATIONS DESIRED

**Education:** BS./MS org chem + 5+ yrs of related exp. or PhD, org chem with 2+ yrs related exp.  
**Experience:** Demonstrated skill in synthetic org chem; exp with current spectroscopic & chromatog instrumentation. Exp with heterocyclic chem is highly desirable. Excellent communication, interpersonal & organizational skills & strong desire to work in challenging & dynamic interdisciplinary environment are required.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Foster City  
**Salary:** Competitive salary & benefits  
**Description of Employer:** Developing & supplying systems & reagents for biotech res.

**Application Instructions:** Send resume to:

PE Biosystems  
850 Lincoln Centre Drive  
Foster City, CA 94404  
Attn: Human Resources  
(Ref #5190)

## CHEMPLOYMENT ABSTRACTS 3239

**Position Title:** Research Associates, Synthetic Chemistry

**Job Description:** Optimize new drug candidates & synthesize screening compounds for drug discovery & protein labeling reagents.

### QUALIFICATIONS DESIRED

**Education:** BS + 4-5 yrs of relevant exp, or MS with 2-3 yrs experience  
**Experience:** Solid background in synthetic org chem preferably in pharmaceutical optimization; the ability to excel in multidisciplinary team-oriented environment; PC proficiency with data analysis applications; & excellent interpersonal & written/verbal communication skills. Exp with combinatorial chem & a working knowledge of the principles of med chem are a plus.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** South San Francisco  
**Salary:** Commensurate with experience  
**Description of Employer:** A new hybrid biotech & informatics company.

**Application Instructions:** Send resume to:

Cytokinetics, HR Dept.  
Attn: Job# CH99-02-ACS & #CH99-03-ACS  
280 East Grand Avenue, Suite 2  
South San Francisco, CA 94080  
FAX: 650-624-3010  
email: hr@cytokinetics.com

## CHEMPLOYMENT ABSTRACTS 3240

**Position Title:** Scientists, Med. Chemistry

**Job Description:** Will optimize new drug candidates, and synthesize screening compounds for drug discovery & protein labeling reagents.

### QUALIFICATIONS DESIRED

**Education:** PhD Synthetic Org Chem  
**Experience:** 3-8 yrs of ind exp; success w/ med chem, molecular modeling, combinatorial chem & pharm optimization; a solid understanding of the principles of med. chem, especially the analysis of structure-activity relations & structure-base drug design; familiarity with molecular & cellular biol tech.(screening) tech; success moving hits into leads that form the basis of 1 or more med. chem prog; excellent leadership, inter-personal & communication skills. Exp with analytical chem and/or 3D modeling a +.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** South San Francisco  
**Salary:** Commensurate with exp  
**Description of Employer:** A new hybrid biotech & informatics company.

**Application Instructions:** Send resume to:

Cytokinetics, HR Dept.  
Attn: Job##CH99-01-ACS  
280 East Grand Avenue, Suite 2  
South San Francisco, CA 94080  
FAX: 650-624-3010  
email: hr@cytokinetics.com

## CHEMPLOYMENT ABSTRACTS 3241

**Position Title:** Research Scientist, Surface Spectroscopy - Organic Thin Films

**Job Description:** Position entails synthesis & in-depth spectroscopic analyses of novel org ultra-thin films on solid supports including silicon, noble metals & metal oxides using state-of-the-art instrumentation with main emphasis on attenuated total reflection & grazing angle FTIR & ellipsometry. Also XPS, CV, STM, ToF-Sims, HREELS & related techniques.

### QUALIFICATIONS DESIRED

**Education:** PhD, phys chem or phys with emphasis in surface spectro.  
**Experience:** 8+ yrs exp in physicochem analysis & spectro of self-assembled monolayers are required. Must have excellent knowledge & hands-on exp in FTIR of org thin films

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Hayward  
**Salary:** Competitive salary & benefits  
**Description of Employer:** Biotech company developing novel protein-biochip platform

**Application Instructions:** Send res/c.v., job title to:

Zyomyx, Inc.  
Attn: Human Resources  
3911 Trust Way  
Hayward, CA 94545  
FAX: 510-784-2569

## CHEMPLOYMENT ABSTRACTS 3242

**Position Title:** Research Associate, Thin Films Matls

**Job Description:** Processing of various matls including silicon in a clean-room environment using primarily photolithographic, wet & dry etching techniques & micromachining. Also involves PVD & other coating methods. Participate in establishing an in-house production line, & interact extensively with microfabrication & surface chemistry groups.

### QUALIFICATIONS DESIRED

**Education:** BS or MS  
**Experience:** At least 2 yrs exp in electrical or chemical engineering, chemistry or materials science. Exp in wafer processing & coating technology is preferred.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Hayward  
**Salary:** Competitive salary & benefits  
**Description of Employer:** Biotech company developing novel protein-biochip platform

**Application Instructions:** Send res/c.v., job title to:

Zyomyx, Inc.  
Attn: Human Resources  
3911 Trust Way  
Hayward, CA 94545  
FAX: 510-784-2569

## CHEMPLOYMENT ABSTRACTS 3243

**Position Title:** Research Associate, Surface Chemistry, Organic Thin Films

**Job Description:** Involves the physicochem characterization of biocomp matls, the modification of surface properties, & syn of novel matls by coating & thin film techniques. Also monolayer syn, characterize & bioapplication using state-of-the-art instrumentation such as AFM, STM, FTIR, ellipsometry, SPR, contact angle goniometry, Brewster angle microscopy, SEM, CV, XPS, radiometry & surface fluorescence.

### QUALIFICATIONS DESIRED

**Education:** BS or MS Phys Chem or Surface Chem  
**Experience:** At least 3 yrs exp in org thin-film syn & surface characterization. Excellent knowledge in physicochem prop of surfaces & matls is required.

### LOCATION, SALARY, MAIL ADDRESS

**Location:** Hayward  
**Salary:** Competitive salary & benefits  
**Description of Employer:** Biotech company developing novel protein-biochip platform

**Application Instructions:** Send res/c.v., job title to:

Zyomyx, Inc.  
Attn: Human Resources  
3911 Trust Way  
Hayward, CA 94545  
FAX: 510-784-2569

**CHEMEMPLOYMENT ABSTRACTS 3244**

*Position Title:* Research associate, Syn Org Chemistry

*Job Description:* Responsible for multi-step syn & characterization of novel key cpds used as candidates for protein bioconjugation, protein assay development, lipid formulations & surface functionalization.

**QUALIFICATIONS DESIRED**

*Education:* BS or MS  
*Experience:* At least 2 yrs exp in syn org chem. In-depth skills in spectroscopic methods (NMR, IR) & extensive hands-on exp with HPLC work is required. Prior exp with amphiphilic cpds & peptide/peptide analog chem is preferred.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Hayward  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Biotech company developing novel protein-biochip platform

*Application Instructions:* Send res/c.v., job title to: Zyomyx, Inc.  
Attn: Human Resources  
3911 Trust Way  
Hayward, CA 94545  
FAX: 510-784-2569

**CHEMEMPLOYMENT ABSTRACTS 3245**

*Position Title:* Research Assoc, Protein Assay Dev

*Job Description:* Responsible for in-depth qual & quant description of enzyme activities in soln & at solid-liquid interface of differentdevice matls. Also kinetic profiling & characterization of protein/cpd-protein interactions to support the development of novel technology-based screening.

**QUALIFICATIONS DESIRED**

*Education:* BS or MS  
*Experience:* At least 2 yrs exp in biochem, analytical chem or enzymology. Requires extensive exp with various enzyme assay techniques, e.g. plate-bases assays & absorption/fluorescence spectroscopy. Exp with surface plasmon resonance highly desirable.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Hayward  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Biotech company developing novel protein-biochip platform

*Application Instructions:* Send res/c.v., job title to: Zyomyx, Inc.  
Attn: Human Resources  
3911 Trust Way  
Hayward, CA 94545  
FAX: 510-784-2569

**CHEMEMPLOYMENT ABSTRACTS 3246**

*Position Title:* Research Scientist

*Job Description:* Responsibilities include analytical method development, assay validation, impurity identification & troubleshooting

**QUALIFICATIONS DESIRED**

*Education:* PhD organic or analytical chem  
*Experience:* Experience in HPLC & GC. LC-MS experience is preferred.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Foster City  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Biopharmaceutical company providing accelerated treatment solns for patients & people who care for them.

**Application Instructions:**

Send resume & job code ACS99-131 to: careers-fostercity@gilead.com (please include all info in body of email)  
FAX: 1-650-578-9264  
or mail:  
Human Resources  
Gilead Sciences  
333 Lakeside Drive  
Foster City, CA 94404

**CHEMEMPLOYMENT ABSTRACTS 3247**

*Position Title:* Development Assoc. III or IV, Vector Process Development

*Job Description:* Responsible for method development of viral vector purification processes working with bioCAD or AKTA instruments, establish & troubleshoot purification proc, cell culture downstream proc & proc validation.

**QUALIFICATIONS DESIRED**

*Education:* BS or MS, biochem or relevant field (MS preferred)  
*Experience:* At least 5 yrs exp in downstream proc development (or at least 3 yrs with MS). Also requires working knowledge of some/all of: chromatography; filtration proc methods; anal chem; HPLC; Mass spect; light scattering; gel electrophoresis; bioassays; exp statistical methods; proc validation.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Palo Alto  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Novel methods of gene technol. to treat autoimmune diseases

*Application Instructions:* Send resume to: Sysstemix, Inc. FAX: 650-813-4121  
Human Resources, Job #993040  
3155 Porter Drive, Palo Alto, CA 94304  
email: hr.systemix@pharma.novartis.com

**CHEMEMPLOYMENT ABSTRACTS 3248**

*Position Title:* Development Assoc. II or III, Vector Process Development

*Job Description:* Responsible for analytical support for development of viral vector purification processes, primarily HPLC & bioassays.

**QUALIFICATIONS DESIRED**

*Education:* BS or MS, biochem or relevant field  
*Experience:* (BS) At least 3 yrs exp in downstream process development. Also requires working knowledge of some or all of the following: chromatography; filtration processing methods; analytical chem; ELISA, gel electrophoresis; exptl statistical methods & proc validation.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Palo Alto  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Novel methods of gene technol. to treat autoimmune diseases

*Application Instructions:* Send resume to: Sysstemix, Inc.  
Human Resources, Job #992024  
3155 Porter Drive  
Palo Alto, CA 94304  
FAX: 650-813-4121  
email: hr.systemix@pharma.novartis.com

**CHEMEMPLOYMENT ABSTRACTS 3249**

*Position Title:* Associate Chemist

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

**QUALIFICATIONS DESIRED**

*Education:* BS/BS or MA/MS, org chem  
*Experience:* At least one yr of independent research exp in org synthesis is required; a record of publication is desirable. Should also possess excellent communication skills & have the ability to work both independently and 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 3250**

*Position Title:* Research Assistant/Associate

*Job Description:* Develop/apply anal methods to monitor performance high density oligonucleotide probe array fabric. proc. Perform/optimize GeneChip assay protocols, syn/purify oligonucleotides, perform data anal, & make presentations.

**QUALIFICATIONS DESIRED**

*Education:* MS, chem, biochem or related field, or BS with min 2 yrs lab exp in industry  
*Experience:* Exp with HPLC, NMR, mass spect, UV-VIS & fluorescence spect is required Strong anal & computer skills are a must. Exp in 1 or more of following is desirable: anal chem or biochem, phys org, org syn, nucleic acid chem & hybridization

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Santa Clara  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Develop state-of-the-art technol for genetic info for use in genomics, clinical res, etc

*Application Instructions:* Send resume to: Affymetrix, Inc  
HR, Job Code ACS-ADB-N096  
3380 Central Expressway, Santa Clara, CA 95051  
FAX: 408-481-0422 email: hr@affymetrix.com  
www.affymetrix.com

**CHEMEMPLOYMENT ABSTRACTS 3251**

*Position Title:* Research Associate

*Job Description:* "Hands on" entry level position supports research & devel area. Responsibilities include assisting with formulation development of oral dosage forms; interfacing between formulations development & anal chem, helping in maintaining raw matls inventory, general lab maintenance, occasional help to Operations for pilot scale-up, prep occasional repts & data summaries.

**QUALIFICATIONS DESIRED**

*Education:* BS, related sci or enrgng field  
*Experience:* 0-2 yrs exp, detail oriented & able to follow directions & work well with others & independently, strong written & verbal skills, able to use Excel or similar spreadsheet, team player.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Foster City  
*Salary:* Commensurate with exp  
*Description of Employer:* New & proprietary oral drug delivery systems

*Application Instructions:* Send resume to: DepoMed, Inc. Box K  
366 Lakeside Drive, Foster City, CA 94404  
FAX: 650-513-0999  
www.depomedinc.com

**CHEMEMPLOYMENT ABSTRACTS 3252**

*Position Title:* Research Scientist I/II  
Metabolism/Bioanalytical Chem

*Job Description:* Provide MS expertise/support to ident & quant drugs,metabol & other cpds. Operate,maintain & supervise 5 open-access mass specs, provide MS training, advise & assist dept staff of 29 (including structural work & sample anal); developing methods for matls in biol matrices; develop new anal tech & interact with program teams as dept rep and/or MS expert

**QUALIFICATIONS DESIRED**

*Education:* PhD chem,biochem,Phys or equiv  
*Experience:* 1-3 yrs rel exp. Hands-on exp with MS, vac systems, electron, anal instrumentn & trace anal. Exp with fields/tech of drug metabol, clinical pharmacol, bioanal, GLP & HPLC preferred. Good oral/written comun, & teamwork skills & ability to work independently.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Palo Alto  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Innovation in human pharmaceuticals

*Application Instructions:* Send CV/Resume to: Roche Palo Alto, Job Code ACS1199GF  
3401 Hillview Avenue, Palo Alto, CA 94304  
FAX: 650-424-8159  
email: paloalto\_hr\_staffing@roche.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-addressed envelopes unless requested to do so.

**California Section**

Ms Holly Kreuter  
American Chemical Society  
California Section  
2140 Shattuck Avenue, Rm 1101  
Berkeley, CA 94704  
510-848-0512

**California Los Padres Section**

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

**Mojave Desert Section**

Peter Zarras, NAW  
Naval Air Warfare Center  
Code 4T42200D  
China Lake, CA 92117  
email: 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  
email: pascal@acusd.edu

**San Gorgonio Section**

Valerie Barrett  
Sunkist Growers  
email:  
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  
email: office@scalacs.com

## CHEMPLOYMENT ABSTRACTS 3253

*Position Title:* Research Associate II/III Bio-organic Chem Dept.

*Job Description:* Carry out chem res to find new molecules for patenting. Prepare cpds for biol testing, purify cpds using modern techniques (automated HPLC, Combiflash) & analyze purified cpd using NMR & mass spect. Senior levels RAs will assist in designing cpds.

### QUALIFICATIONS DESIRED

*Education:* BS & 2-5 yrs exp; MS & up to 2 yrs exp (Level II); BS + 5-8 Yrs exp or MS + 2-5 yrs exp (Level III)

*Experience:* Knowledge of org synthesis, willingness to learn new lab techniques, solid written/verbal communication skills & ability to work as a member of a team.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & benefits

*Description of Employer:* Discovery & development of small molecule drugs for treatment of chronic cardiovascular diseases.

*Application Instructions:* Send CV/resume to: HR CV Therapeutics  
3172 Porter Drive, Palo Alto, CA 94303  
FAX: 650-858-0287 No phone call, please

## CHEMPLOYMENT ABSTRACTS 3254

*Position Title:* Research Assistant/Associate Bioanalytical& Metabolism

*Job Description:* Conduct exptl work designed to identify and/or quantify analytes to biol samples & detn metabolic characteristics of new cpds for new drug evaluation in animals & humans. Will also assist in developing/validating anal methods for identification/quantification of drugs in biol samples & be responsible for anal samples for studies & documentation of results in notebooks, computer spread-sheets & rpts.

### QUALIFICATIONS DESIRED

*Education:* BS, biochem, chem or pharma sciences

*Experience:* 0-3 yrs relevant exp, including HPLC, GC & other anal instruments, SOPs & GLPs. Word proc & spreadsheet skills are essential, with solid oral/written commuun skills.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & benefits

*Description of Employer:* Discovery & development of small molecule drugs for treatment of chronic cardiovascular disease.

*Application Instructions:* Send CV/resume to: HR CV Therapeutics  
3172 Porter Drive, Palo Alto, CA 94303  
FAX: 650-858-0287 No phone call, please

## CHEMPLOYMENT ABSTRACTS 3255

*Position Title:* Scientist - Synthetic Organic Chemist

*Job Description:* Responsible for synthesis, purification, analysis & characterization of new dye labeled nucleotide substrates for fluorescence based DNA sequencing to support existing & new instrumentation.

### QUALIFICATIONS DESIRED

*Education:* BS/MS/PhD, synthetic org chem

*Experience:* 2-3 yrs relevant postdoctoral and/or industrial exp (with PhD) or 10 yrs industrial exp (with BS/MS) in multiple step org synthesis with ability to isolate, purify, analyze & characterize org mols. Hands-on exp with instrumental methods of anal & separation including NMR, UV/vis & HPLC is essential. Exp with nucleic acid chem is desirable. Excellent organization & communication skills.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City

*Salary:* Competitive salary & benefits

*Description of Employer:* Development of instruments, software & reagents

*Application Instructions:* Send resume to: PE Biosystems  
Attn: Patricia Crosby, Ref#10898  
850 Lincoln Centre Drive, Foster City, CA 94404  
email: crosbypm@pebio.com  
FAX: 650-554-2894

## CHEMPLOYMENT ABSTRACTS 3256

*Position Title:* Analytical Chemist

*Job Description:* Provide analytical support to an industrial hygiene analytical lab. Perform analyses of samples collected on air filters & assist in validating & developing sensitive anal methods for measuring pharmaceutical cpds & intermediates; conduct lab instrumentation calibration & maintenance as needed.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chem

*Experience:* 1-5 yrs exp in anal lab with HPLC & RIA use & methods development & validation preferred; entrepreneurial spirit a plus; strong computer skills are highly desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Mountain View

*Salary:* Competitive salary & benefits

*Description of Employer:* Environmental/occupational health & safety consulting firm.

*Application Instructions:* Send resume to: SafeBridge Consultants, Inc.  
1924 Old Middlefield Road  
Mountain View, CA 94043  
FAX: 650-623-0096



## Editor's Column

This month we are having a joint meeting with BAMS. This is therefore a good time to point out other chemistry groups in this area. We regularly post information about BAMS and the Northern California Pharmaceutical Discussion Group on the local calendar on our web site. These two organizations can be reached directly at:

*Northern California Pharmaceutical Discussion Group*

<http://www.ncpdg.org/>

and

*The San Francisco Bay Area Mass Spectrometry (BAMS) discussion group*

<http://www.bams.org/>

If there are other groups or organizations that merit listing please send me an e-mail.



## Missed Newsletters

Are you having problems receiving your newsletter on time? We have tried everything we can to get the post office to deliver them in a timely fashion. Maybe, if we all complain to the same place at the same time, we might get noticed. I'm not promising that we would, but I do think it might be worth a try.

Write or Fax the Postmaster General in Washington, D.C. (Fax: 202-268-5211 or mail to: Postmaster General, Washington, D.C. 20066) Tell him you have paid to receive the newsletter in a timely fashion so that you can attend our monthly meetings, but the delivery rate is so poor, the newsletter often arrives after the meetings.

Just maybe, this will work.

**Shirley B. Radding**

2994 Cottonwood Court  
Santa Clara, CA 95051-6111

408-246-2564

Fax: 408-296-8625  
e-mail: sradding@att.net

**LITERATURE SEARCHES**



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

**NOVEMBER 1999 NEWSLETTER TOPICS:**

- Another SHRIMP on the Barbie: Geological Applications of the SHRIMP RG
- Chairman's Message
- Missed Newsletters
- Editor's Corner
- CHEMPLOYMENT ABSTRACTS**

*Time Value!*



<http://www.scvacs.org>

**SANTA CLARA VALLEY SECTION**

**1999 SECTION OFFICERS**

Chair	Jamil Talhouk	925-449-2664
Chair-Elect	Ean Warren	650-329-4554
Secretary	Karl Marhenke	831-479-6263
Treasurer	Hong Gao	650-494-5197
Past-Chair	Herb Silber	408-924-4954

**Councilors**

1998-00	Sally Peters	650-812-4994
1998-00	Linda Brunauer	408-554-6947
1997-99	Carol Mosher	650-322-3120
1997-99	Maureen Scharberg	408-924-4966
1999-01	Bonnie Charpentier	650-354-2344
1999-01	Herb Silber	408-924-4954

**Alternate Councilors**

1998-00	John F. Riley	650-328-2746
1998-99	Lois Durham	650-723-1610
1997-99	Peter Rusch	650-948-0237
1997-99	Jamil Talhouk	925-449-2664
1999-01	Jonathan Touster	650-723-4340
1999-01	Ean Warren	650-329-4554

**Newsletter Editor**

Steven Colby 650-938-4502

e-mail: [colby@sisweb.com](mailto:colby@sisweb.com)  
 Web Site: [www.sisweb.com](http://www.sisweb.com)

**FUTURE MEETINGS**

<b>1999</b>	
<b>Nov 18</b>	SCV Dinner Meeting
<b>2000</b>	
<b>Mar 26-31</b>	National ACS Meeting

For the latest information, please visit the  
 SCVACS Web Site: <http://www.scvacs.org>

**CHEMPLOYMENT ABSTRACTS**

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



Printed on  
 recycled paper.