

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 22 No. 7

## Reminder: Annual Wine Tasting, Family Picnic and Awards Ceremony

Prepayment and mail-in registration is required.

**Stanford University July 15, 2000**

On Saturday, July 15th, the Santa Clara Valley Section will host its Annual Wine Tasting, Family Picnic, and Awards Ceremony at the Keck chemistry building on the Stanford campus. Finestra Winery will be the featured winery and the tasting will begin at 4:30 pm in the foyer of the Keck building.

Visit our Web site [www.scvacs.org](http://www.scvacs.org) or see the June newsletter for details.



### Chair's Message

Well, by the time you receive this newsletter, summer should be well on its way. I hope you are taking the opportunity to enjoy the warm (but not too warm) weather. It is about this time of the year that we start to organize our National Chemistry Week Celebration.

This year, National Chemistry Week will be November 5th to 11th. In the past, we have participated by sponsoring the Inventors – Make A Difference Day at the Intel Museum, teachers' workshops at Roche Bioscience, chemistry demonstrations for kids at soccer fields and the Tech Museum, posters for public transit buses, and other events. We are starting to solicit ideas and volunteers for this year's National Chemistry Week – it's never too early to start planning. If you have an idea for an event celebrating or recognizing chemistry and chemists and/or would like to volunteer, let us know. You can contact me at (650) 329-4554 or [ncw@scvacs.org](mailto:ncw@scvacs.org) or you can contact any of the Executive Committee members (see the back of this newsletter for telephone numbers).

Finally, we would like to approach the curator of the San Francisco Airport Museum with an idea for a temporary exhibit related to chemistry. We can submit a proposal now, in conjunction with the California Section, for an exhibit in 2-3 years. This exhibit can be related to Bay Area-specific chemistry (like biotechnology or microprocessor production) or to chemistry in general. The exhibits at SFO are viewed by thousands of people from around the world every day and a chemistry exhibit would be a great way to highlight chemistry, possibly for National Chemistry Week, 2002. For examples of exhibits, see [www.sfoarts.org](http://www.sfoarts.org). If you have an idea for the theme for such an exhibit or would like to volunteer your time as a member of this committee, please let me know (same contact information as above).

I hope to see many of you at the picnic. Have a great summer!

*Ea Warren*

## Call for Nominations Carothers Award

The American Chemical Society, Delaware Section is seeking nominations for the year 2001 Carothers Award. Presented annually, the award recognizes scientific innovators who have made outstanding contributions and advances in industrial applications of chemistry. The award consists of the Carothers Award Sculpture, and a cash award of \$2,000. The 2001 award will be presented at the annual Carothers Award Lecture in April, 2001.

Previous award recipients include *Robert Langer, Barry Sharpless, Mario Geysen, Walter Kaminsky, Edith Flanigen, Herbert Eleuterio, Ralph Hirschmann, David Bryant, Grant Willson, Murrae Bowden, Frank Bovey, Paul Janssen, John Franz, Paul Morgan, Paul Weisz, Lewis Sarett, Paul Flory, Alan Hay, Louis Plambeck, John Sinfelt, William Baker, Carl Marvel, Herman Mark, and Edwin Land.*

Nominations should include the nominee's name, present position, and address; a concise resume of the nominee's professional career; a narrative summary of the scientific achievements that form the basis for the nomination, including explanations of the importance of the work including if possible financial impact; a list of honors and awards with the dates received and the organizations conferring these; and a list of the nominee's more important publications. Additional supporting letters are encouraged.

Nominations for the 2001 award should be submitted by August 31,

*continued on next page*

2000. Send all materials to:

**Dr. Robert T. Jacobs**

Secretary, Carothers Award Committee  
Astra Zeneca Pharmaceuticals LP  
P.O. Box 15437, Wilmington, DE 19850  
Phone: 302-886-8964, Fax: 302-886-4989  
E-mail: Robert.Jacobs@astrazeneca.com

If you know of a highly qualified person, but do not want to submit a nomination, please contact the Delaware Section's Secretary with the person's name and affiliation by mail or E-mail.



## ACS Women Chemists Committee Travel Awards

Once again the Eli Lilly & Company is sponsoring a program to provide funding for undergraduate, graduate, and postdoctoral women chemists to travel to scientific meetings in 2001 to present the results of their research. Awards will be granted to women presenting research for the first time at a national or major meeting. Grants may be applied only for registration, travel, and accommodations, and are restricted to travel to meetings within the United States. Grant funds are limited, but there are some funds set aside for undergraduates. Only U.S. citizens and permanent residents are eligible. Applications should be limited to one per research group. Women who have received a prior award under this program are ineligible.

The deadline dates for receipt of applications for 2001 meetings are as follows:

**September 15, 2000** – Meetings

between January 1 and June 30, 2001

**February 15, 2001** – Meetings between

July 1 and December 31, 2001

In order to apply for the award, please submit the following:

1. A resume (include permanent address).
2. A completed official application form that you must obtain from your department chair, or may download from <http://membership.acs.org/W/WCC>. The application form is also available from the WCC Staff Liaison at the American Chemical Society. (See address below or call 1-800-227-5558 Ext. 6022; e-mail: c\_brown@acs.org)
3. An abstract of the work which you have submitted for presentation, using an official meeting abstract form. A printed copy of an online abstract sub-

# The Carothers Award

The Carothers Lecture Award was established by the Delaware Section of the American Chemical Society in 1976 in memory of Wallace H. Carothers, one of the founders of modern polymer chemistry. The purpose of the award is to honor scientific innovators who have made outstanding contributions and advances in industrial applications of chemistry. The award is sponsored by the Delaware Section and by DuPont, DuPont Pharmaceuticals, Hercules, Astra Zeneca, and Montell USA, Inc.

The award is a sculpture, commissioned by the Delaware Section, of two hands molding a benzene ring, depicting man shaping molecules. The artist is Mr. Domenico Mortellito, a well-known local sculptor, muralist, and painter, who pioneered the use of synthetic materials in the fine arts. Beginning in 1999 the Carothers Award includes a \$2000 cash award.

## ACS Publishes Pamphlet on Global Climate Change and Fact Sheet on Chemical Weapons

Global Climate Change, an updated pamphlet that replaces the 1990 version, presents an overview of the factors that influence climate and describes the basis of recent public concerns. The pamphlet explains in clear, concise language what scientists know and don't know about the greenhouse effect. The 12-page pamphlet is written for the nonscientist reader. It is an ideal pamphlet for science teachers, policymakers, and others interested in learning more about this global issue.

A Chemical Weapons pamphlet is now available in the Science in Focus series. This fact sheet explores the issues and lethal chemicals involved in chemical weapons production. The 4-page fact sheet provides timely information on scientific issues in order to promote a greater understanding of the technical issues we face today.

These publications, as well as other information pamphlets and fact sheets on topical issues affecting society, are available from the ACS Office of Society Services. Other topics include: Acid Rain; Biotechnology; Chemical Risk: A Primer; Chemical Risk: Personal Decisions; Ground Water; Hazardous Waste Management; Pesticides; Recycling, and Science In Focus: Endocrine Disrupters.

To obtain a single free copy or the price schedule for multiple copies call 1-800-227-5558 or write to the ACS Office of Society Services, 1155 Sixteenth Street, N.W., Washington, D.C. These pamphlets can also be found at the ACS Government Affairs Web site: [www.acs.org/government](http://www.acs.org/government), clicking **Publications**, then **Technical Booklets and Pamphlets**.

mission is also acceptable. If not on the official meeting abstract form, reason must be stated on the application form.

4. A letter detailing the reasons you want this award (both scientific and financial), and specifying whether you have made a previous presentation at a national or major meeting.
5. A letter from your advisor confirming your participation in the meeting at which you will be making your presentation, commenting on your technical ability and potential, and listing any other travel support that would be available from the department or research grants.

Awards will be made based both on scientific merit and financial need, with the WCC Membership/Awards Subcommittee serving as the selection jury. Through this program, the Eli Lilly & Company continues to increase the participation of women in the chemical sciences. Please send your application to: Ms. Cheryl H. Brown, Women Chemists Committee, American Chemical Society, 1155 16th Street, N.W. Washington, D.C. 20036.

## EDITOR'S CORNER

### Have You Been Duped?

ACS wants to avoid sending promotional materials and invitations to join to existing members. But sometimes, regardless of how hard they try, members receive promotional mailings in error. Before ACS sends out any invitations to prospective members, they perform a computer "merge/purge". A "merge/purge" is a computerized comparison of our current membership file against the prospect file.

However, if there are any variations in a member's name or address, the computer does not detect a duplicate. These variations can be as obvious as a completely different address or as subtle as a slight variation in the name or address.

### What to Do?

First accept ACS' apologies. Then mark "Already a Member" on the application and return it to ACS in the postage-paid envelope. They will then suppress this name and/or address variation in future "merge/purges" to ensure that we omit it from our membership invitation mailings.

Please direct any questions regarding this process or mailings that you have received to: ACS, Phone: (202) 872-4600, Fax: (202) 872-6067.

### What about Mailings of this Newsletter?

We get your address from ACS. The newsletter is mailed to the same address as your C&E News. If you move or change your address with ACS it will take about two months for the newsletter to catch up. In the meantime, I would be happy to send you an extra copy.



## DID YOU KNOW THAT...

Career development publications produced by the American Chemical Society are available free to members upon request. You can take charge of your career and develop your skills! Call ACS at 1-800-227-5558 and request any of the following and more:

**Career Services Catalog** – Contains a complete listing of everything that is available from ACS to help you to advance your career.

**Targeting the Job Market, Resume Preparation and The Interview Handbook** provides a complete 3-part curriculum on managing an effective job search.

**Resources for Career Management** is an up-to-date listing of excellent web sites, books and articles that can help you in your job search.

**Current Trends in Chemical Business, Technology and Employment** gives a comprehensive picture of the employment environment for today's chemical professional.

**Professional & Workforce News** – This ongoing series of short newsletters covers workforce and professional development issues such as employment at small companies and a statistical profile of today's working chemist.



**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**

## CHEMPLOYMENT ABSTRACTS – JULY 2000

### CHEMPLOYMENT ABSTRACTS 3318

*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, & 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  
850 Maude Avenue  
Mountain View, CA 94043  
FAX: 650-526-3034

### CHEMPLOYMENT ABSTRACTS 3319

*Position Title:* Research Associate, Chemistry

*Job Description:* Coat & stabilize Quantum Dot™ semiconductor nanocrystals with org molecules. Plan & execute org synthesis of functional molecules for attachment to surface. Prepare & characterize bioconjugated mats with std conjugation chemistries & a variety of characterization techniques including chromatog, electrophoresis, radioactive labelling, NMR & analytical centrifugation.

#### QUALIFICATIONS DESIRED

*Education:* BS/MS chem or biochem  
*Experience:* At least 2 yrs industrial R&D exp in chem syn, handling of air-sensitive cpds on a vacuum manifold, use of std lab equipment & some anal equip. Exp with manipulation of pigments, colloid manipulation & encapsulation is also desired. Must be organized & communicative.

#### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Development of new techniques for biological research

*Application Instructions:* Send resume to:  
HR (CHEM 4/00)  
4030 Fabian Way, Palo Alto, CA 94303  
FAX: 650-812-7660

### CHEMPLOYMENT ABSTRACTS 3320

*Position Title:* Applications/Product Specialist

*Job Description:* Provide sales & marketing support & prod development assist & support for our X-ray fluorescence prod line. Includes systems demos; application & performance evaluations; customer sample anal; presentations; competitive prod anal; tech & application training & phone support.

#### QUALIFICATIONS DESIRED

*Education:* BS phys sci (adv degree preferred) or equiv.  
*Experience:* Exp in industrial or acad environment with exposure to various sample types. Strong oral/written communication skills. Able to address complex info in layman terms. Exp in mats characterization including atomic spect, surface sci, x-ray diffraction or image anal desired.

#### LOCATION, SALARY, MAIL ADDRESS

*Location:* Sunnyvale  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Mfg of X-ray fluorescence (XRF) equipment

*Application Instructions:* Send cover letter, resume & salary requirements to:  
NORAN Instruments Inc. Attn: HR Dept.  
2551 W. Bellline Highway  
Middleton, WI 53562  
Email: hr@noran.com FAX: 608-831-2313

### CHEMPLOYMENT ABSTRACTS 3321

*Position Title:* Mass Spectrometrist

*Job Description:* Facilitate research efforts including small molecules, analytical method development & developing assays for PK & toxicology studies. Knowledgeable about running & maintaining latest mass spect instrumentation. On-site MS instrumentation: Finnegan LCQ Ion Trap & Sciex API 3000 Electrospray, a Maldi eventually. (Pk/tox. exp not required)

#### QUALIFICATIONS DESIRED

*Education:* PhD  
*Experience:* Knowledge of latest MS technology; industry exp 1+ yrs (a must); Exp in anal methods development & developing LC/MS assays. Strong oral & written skills. Team player who can wear many hats.

#### LOCATION, SALARY, MAIL ADDRESS

*Location:* Sunnyvale  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Focused on an advanced stage drug candidate & cutting edge research projects.

*Application Instructions:* Management Recruiters  
Emeryville Email resume to:  
mary@mriemery.com  
Job Code Mass Spec/Attn: Mary  
FAX: 510-658-1428 (Note: email preferred)

# CHEMPLOYMENT ABSTRACTS – JULY 2000

## CHEMPLOYMENT ABSTRACTS 3322

*Position Title:* Scientists/Research Associates  
Synthetic Org/Combinatorial Chemistry

*Job Description:* Apply synthetic org, medicinal, process, combinatorial & computational chem to discovery of new drug candidates; design/synthesize org cpds & combinatorial libraries for evaluation as part of continuing combi-chem programs.

### QUALIFICATIONS DESIRED

*Education:* Scientists: PhD & 1-8 yrs industry exp. RAs: BS/MS & 1-5 yrs industry exp.  
*Experience:* Active experimentalist & eager to work in integrated, multidisciplinary drug discovery environ. Exp in multistep syn org, combinatorial, process or medicinal chem. Use of NMR, IR, MS, HPLC & routine cpd isolation & characterization methods, record of accomplishment.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Competitive

Application Instructions: Send resume to:  
Axyx Advanced Technologies, Inc  
HR Dept., Attn: Job#AT00-ACH-ACS  
385 Oyster Point Blvd., Suite 3  
South San Francisco, CA 94080  
Email: hr@axyxtech.com

## CHEMPLOYMENT ABSTRACTS 3323

*Position Title:* Research Associate

*Job Description:* Provide organic synthesis support in drug discovery effort. Must be willing to learn new techniques in automated compound synthesis & purification.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chem  
*Experience:* 0-5 yrs experience. Ability to work in a team oriented environment, excellent communication skills & proven strength in lab techniques.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Strong compensation program that will excel as you do

Application Instructions: Send resume with cover letter to:

Rigel, Inc., Job Code: RA-RS  
240 East Grand Avenue  
South San Francisco, CA 94080  
FAX: 650-624-1101  
Email: jobs@rigel.com

## CHEMPLOYMENT ABSTRACTS 3324

*Position Title:* Scientist, Chemistry

*Job Description:* We need a unique PhD-level chemist to participate in the Drug Discovery efforts & help establish the infrastructure of a small chemistry team.

### QUALIFICATIONS DESIRED

*Education:* PhD & 1-3 yrs exp in life science & knowledge of medicinal chem is preferred.  
*Experience:* Should be well versed in organic synthesis; work well in a team environment & possess strong communication skills, both verbal & written.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Strong compensation program that will excel as you do.

Application Instructions: Send resume with cover letter to:

Rigel, Inc, Job Code: SCI-RS  
240 East Grand Avenue  
South San Francisco, CA 94080  
FAX: 650-624-1101  
Email: jobs@rigel.com

## CHEMPLOYMENT ABSTRACTS 3225

*Position Title:* Associate Engineer

*Job Description:* Design & execute cell culture expts in fully instrumented bench top fermentors; evaluating cell culture raw mats for optimal cell culture performance; investigating effect of growth media on cell metabolism & analyzing & reporting expt data.

### QUALIFICATIONS DESIRED

*Education:* BS/MS biochem engrg or related field  
*Experience:* 0-5 yrs exp, a high degree of motivation & ability to excel in a team environment. Exp with aseptic technique, cell culture & cell culture equip & instrumentation is desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Industry leading benefits  
*Description of Employer:* Biotech company with initiative, creativity, risk-taking people.

Application Instructions: Send resume to:  
Genentech, Inc. HR Job Code 2034-CHM  
P.O. Box 1950, South San Francisco, CA 94083  
FAX: 650-225-2371  
Email: bellforte@gene.com  
(place job code in subject line, use ASCII files only with max line width of 76 characters)  
www.gene.com

## CHEMPLOYMENT ABSTRACTS 3326

*Position Title:* Chemistry Automation Specialist

*Job Description:* Design & execute cell culture expts in fully instrumented bench top fermentors; evaluate cell culture raw mat for optimal cell culture performance, investigate the effect of growth media on cell metabolism & analyze & report expt data.

### QUALIFICATIONS DESIRED

*Education:* BS, Ms or PhD, chem, chem engrg or engrg  
*Experience:* 2+ yrs exp, thorough familiarity with org chem & synthesis techniques & hands on exp in instrumentation & lab automation systems, especially liquid handling and/or chem proc. Hands-on exp with machine shop tools, instrument repair, development prototyping & trouble shooting skills is desired. Proficiency with computers & common programming languages (e.g. Visual Basic) is preferred.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Emeryville  
*Salary:* Competitive benefits  
*Description of Employer:* We are a vital global force

Application Instructions: Send resume with salary requirement to:  
Chiron Corp, Job Code 4390-Chem, HR  
4560 Horton Street, Emeryville, CA 94608  
Email: jobs@cc.chiron.com www.chiron.com

## CHEMPLOYMENT ABSTRACTS 3327

*Position Title:* Research Associate, Synthetic Chemistry

*Job Description:* Perform synthesis, isolation & characterization of new chem entities such as metallo-tetra-porphyrins & various other porphyrins-like macrocyclic drug candidates for the detection & destruction of cancer, cardiovascular disease & other bio-med applications as well as current lead candidates. Familiar with modern spectroscopic tech, purification (prep HPLC, SIO2, ion-exchange chromatog.)

### QUALIFICATIONS DESIRED

*Education:* BA/BS and/or MS chem  
*Experience:* 1-5 yrs ind exp in R&D, training in syn org chem - reactions & mechanisms. Exp in chem development a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Sunnyvale  
*Salary:* Competitive salary & benefits

Application Instructions: Send resume to:  
Pharmacycics  
995 E. Arques Avenue  
Sunnyvale, CA 94086  
FAX: 408-774-0340  
Email: hr@pcyc.com

## CHEMPLOYMENT ABSTRACTS 3328

*Position Title:* Research Assistant/Associate

*Job Description:* Major responsibility will be in area of protein sequencing including work on new hardware & software for high thrupt Edman degradation. Will also include research collaborations with academic labs involving protein micropurification & characterization on novel proteins.

### QUALIFICATIONS DESIRED

*Education:* BS chem/biochem  
*Experience:* Exp in one or more of following areas: HPLC, protein isolation, Mass spect, amino acid analysis or protein sequencing. Position will require interactions with scientists. Some computer exp is highly desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Competitive salary & benefits

Application Instructions: Send resume to:  
Genentech, Inc.  
Req #00-0002035  
P.O. Box 1950  
South San Francisco, CA 94083-1050  
Email: jobs@gene.com  
www.gene.com

## CHEMPLOYMENT ABSTRACTS 3329

*Position Title:* Account Manager, Job Code #0034

*Job Description:* As a member of the Western Regional Sales Team, you will represent MDL Information Systems, Inc.'s products & services to prospects & customers in this region.

### QUALIFICATIONS DESIRED

*Education:* Advanced degree in chem, biol, phys and/or MBA  
*Experience:* Excellent knowledge of pharmaceutical, agrochem and/or mat sci discovery process. Substantial knowledge of cheminformatics & chemistry as well as biol & bioinformatics.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Leandro  
*Salary:* Competitive salary & benefits  
*Description of Employer:* MDL information Systems is a recognized leader in discovery informatics for life science & chem industries.

Application Instructions: Send resume & cover letter to:  
MDL Information Systems, Inc.  
14600 Catalina Street  
San Leandro, CA 94577  
Email: jobs@mdl.com  
FAX: 510-614-3679

## CHEMPLOYMENT ABSTRACTS 3330

*Position Title:* Field Application Scientist,  
Job Code #0041

*Job Description:* As a member of Beilstein Western Sales Team, you will use your scientific & technical expertise to support sales of Beilstein products & services. This position should grow in a sales role over time.

### QUALIFICATIONS DESIRED

*Education:* Advanced degree in chem  
*Experience:* Exp working as a synthetic chemist, exp selling in chem or pharmaceutical ind, solid exp with Unix, Windows & macintosh systems & software. Solid expertise with Internet/WWW tools & capabilities.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Sunnyvale  
*Salary:* Competitive salary & benefits  
*Description of Employer:* MDL information Systems is a recognized leader in discovery informatics for life science & chem industries.

Application Instructions: Send resume & cover letter to:  
MDL Information Systems, Inc.  
14600 Catalina Street  
San Leandro, CA 94577  
Email: jobs@mdl.com FAX: 510-614-3679

## CHEMPLOYMENT ABSTRACTS 3331

*Position Title:* Scientist/Sr. Scientist - Process Chemistry

*Job Description:* Play a leading role in chem development & management of cpds in pipeline in Process Chem Dept. Responsibilities include isolation & characterization of impurities in cpds currently in clinical trials. Assist in prep of FDA submissions leading to NDA filing. Develop & scale-up synthetic processes for lead cpds. Transfer process to contract manufg & assist in management of prodn.

### QUALIFICATIONS DESIRED

*Education:* PhD, MS or BS chem or related discipline  
*Experience:* Min 2 yrs biotech of pharmaceutical exp. Should have strong synthetic chem background. Must be able to develop & use analytical methods, e.g. HPLC & MS. Exp in peptide chem cGMP a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Mountain View  
*Description of Employer:* Develops & commercializes novel antibacterial drugs for prevention or treatment of serious infectious disease.

Application Instructions: Send resume to:  
Dr. Gene Merutka  
FAX: 650-969-0663  
Email: gmerutka@intrabiotics.com

## CHEMPLOYMENT ABSTRACTS 3332

*Position Title:* Research associate/Sr Research Associate

*Job Description:* Will initially involve isolation & characterization of drug substance impurities to support NDA submissions. This requires a good grasp of analytical techniques to characterize molecules (e.g. HPLC, Mass spect, NMR, etc.) & knowledge of purification techniques (e.g. pptn, preparative chromatog). Also include setting up studies to support process development of early & late stage cpds.

### QUALIFICATIONS DESIRED

*Education:* MS or BS chem or related discipline  
*Experience:* Min 2 yrs biotech of pharmaceutical exp. Strong problem-solving & independent work skills also required & ability to troubleshoot problems & be flexible in work assignments.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Mountain View  
*Description of Employer:* Develops & commercializes novel antibacterial drugs for prevention or treatment of serious infectious disease.

Application Instructions: Send resume to:  
Dr. Gene Merutka  
FAX: 650-969-0663  
Email: gmerutka@intrabiotics.com

## CHEMPLOYMENT ABSTRACTS 3333

*Position Title:* Scientist I/II Process Development

*Job Description:* Perform duties of a Process Development Scientist in support of various projects. Also do extensive prodn support & perform expts needed for defining optimizing & validating manfg processes. Will require extensive travel to other locations (UK & Philadelphia). Will require occasional pilot plant support; help with assay development & various other scientific tasks.

### QUALIFICATIONS DESIRED

*Education:* PhD  
*Experience:* Process development, assay development, scale-up, Word, Excel & PowerPoint PREFERRED, Technology transfer.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Santa Clara  
*Description of Employer:* Focused on prevention of disease, especially against viral infections.

Application Instructions: Send resume to:  
Aviron, Job #00124-ACS  
Human Resources - ACS  
297 North Bernardo Avenue  
Mountain View, CA 94043-5205  
FAX: 800-248-5952  
Email: aviron@rpc.webhire.com

# CHEMPLOYMENT ABSTRACTS - JULY 2000

## CHEMPLOYMENT ABSTRACTS 3334

*Position Title:* Scientist IV, Process Development

*Job Description:* Technical interface between development & manfg & primary support of ongoing manfg. Suggest equipment & processes for full-scale manfg & support implementation & validation. Lead role in troubleshooting development & manfg proc. Responsible for development related to PAI & coordinating with all manfg sites. Design & execute development studies & complete tech rpts related to proc developments & critical proc variables. Assist with general vaccine development is expected. Some travel to sites in UK & Philadelphia required.

### QUALIFICATIONS DESIRED

*Education:* MS/MA, biochem engrg, chem engrg, biochem, microbiol, virology or biol  
*Experience:* Min 7 yr post-PhD or 10 yrs post MS exp required. Direct exp in processes for vaccine prods for human use is strongly preferred.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Santa Clara  
*Description of Employer:* Focused on prevention of disease, especially against viral infections.

*Application Instructions:* Send resume to: Aviron, Job #00501-ACS, Human Resources - ACS 297 N Bernardo Ave., Mountain View, CA 94043-5205 FAX: 800-248-5952 Email: aviron@rpc.webhire.com

## CHEMPLOYMENT ABSTRACTS 3335

*Position Title:* Senior Scientist, Process development

*Job Description:* Process development activities for optimal virus seeds thru virus harvest matl. Development of optimal & robust proc for prodn of influenza vaccine in eggs. Work with down-stream development, clinical prodn groups. Help develop & apply vaccine characterization methods & in-process control for prodn.

### QUALIFICATIONS DESIRED

*Education:* MS/MA & PhD, virology, cell biol, biochem engrg, mol biol, biochem, microbiol or related degrees.  
*Experience:* Min 7 yrs post PhD or 10 yrs post MS exp required Exp in development of proc for vaccine prodn for human use is preferred. Exp with development of live virus vaccines or gene therapy vectors best. Familiarity with regulation of viruses & vaccines required. Knowledge of molecular virology methods & virus anal methods is required. Excel & Word & statistical design of expts & DOE & software a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Santa Clara  
*Application Instructions:* Send resume to: Aviron, Job #00401-ACS Human Resources - ACS 297 N Bernardo Ave., Mt View, CA 94043-5205 FAX: 800-248-5952 Email: aviron@rpc.webhire.com

## CHEMPLOYMENT ABSTRACTS 3336

*Position Title:* Research Analyst

*Job Description:* Responsibilities include maintaining & updating segments of the Directory of chemical Producers (DCP) publication database. Includes organization, distribution & follow-up for annual survey of large numbers of chemical companies, entering data into a proprietary computer database, monitoring trade literature & responding to client inquiries.

### QUALIFICATIONS DESIRED

*Education:* BS/BS in technical field, chem preferred.  
*Experience:* Entry-level professional business research position. Requires knowledge of chemical nomenclature, strong analytical skills, attn to detail, excellent verbal/written communication skills, teamwork and initiative.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Menlo Park  
*Salary:* Competitive salary & benefits  
*Description of Employer:* SRI Consulting is a subsidiary of SRI Intl.  
*Application Instructions:* Send resume to: Carolyn Read, DCP Program Manager SRI Consulting 333 Ravenswood Avenue Menlo Park, CA 94025 Email: cread@sric.sri.com FAX: 650-859-4623

## CHEMPLOYMENT ABSTRACTS 3337

*Position Title:* Senior Organic Chemist, Job #06-1

*Job Description:* Design & execute multi-step small molecule organic synthesis. Optimize existing syntheses into scalable production processes.

### QUALIFICATIONS DESIRED

*Education:* PhD org chem  
*Experience:* Experience in multi-step synthesis, with chromatog methods, & evaluation of NMR & MS data required. A Background in bioorganic chem & experience with heterocyclic cpds and/or polymer chem would be helpful.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Burlingame  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Dedicated to the development of novel mesoscopic materials.

*Application Instructions:* Send resume/CV to: Covalent Partners LLC Human Resources Dept. Reference Job# 06-1 330 Beach Road Burlingame, CA 94010 FAX: 650-227-7701 Email: resume@covalent.to

## CHEMPLOYMENT ABSTRACTS 3338

*Position Title:* Senior Biophysical Scientist Job #06-2

*Job Description:* Design, assemble & manipulate thin films. Design & execution of experiments relevant to the study of properties of thin films.

### QUALIFICATIONS DESIRED

*Education:* PhD in appropriate discipline is required  
*Experience:* Requires knowledge & exp in formation, manipulation & analysis of thin films, monolayer, bilayer and/or membrane bound proteins & peptides.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Burlingame  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Dedicated to the development of novel mesoscopic materials.

*Application Instructions:* Send resume/CV to: Covalent Partners LLC Human Resources Dept. Reference Job# 06-2 330 Beach Road Burlingame, CA 94010 FAX: 650-227-7701 Email: resume@covalent.to

## CHEMPLOYMENT ABSTRACTS 3339

*Position Title:* Senior Computational Chemists (2 positions) Job #06-3

*Job Description:* Working with synthetic organic chemists & others, participate in the design & simulation of the properties of novel materials

### QUALIFICATIONS DESIRED

*Education:* PhD in appropriate discipline is required  
*Experience:* Position 1 requires knowledge of computational fluid dynamics using both continuum models & discrete solute-solvent interactions. Position 2 requires knowledge of dynamics of multi-electron interactions in mixed metal systems.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Burlingame  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Dedicated to the development of novel mesoscopic materials.  
*Application Instructions:* Send resume/CV to: Covalent Partners LLC Human Resources Dept. Reference Job# 06-3 330 Beach Road Burlingame, CA 94010 FAX: 650-227-7701 Email: resume@covalent.to

## CHEMPLOYMENT ABSTRACTS 3340

*Position Title:* Senior Polymer Chemist Job#06-4

*Job Description:* As part of a multidisciplinary team, design & execute formation of polymer constructs using novel materials.

### QUALIFICATIONS DESIRED

*Education:* Degree in chem engrg & significant industrial exp required.  
*Experience:* Hands on experience in development of novel polymer constructs. Should be familiar with radical polymerization as well as other methods of polymer formation.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Burlingame  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Dedicated to the development of novel mesoscopic materials.  
*Application Instructions:* Send resume/CV to: Covalent Partners LLC Human Resources Dept. Reference Job# 06-4 330 Beach Road Burlingame, CA 94010 FAX: 650-227-7701 Email: resume@covalent.to

## CHEMPLOYMENT ABSTRACTS 3341

*Position Title:* Organic Chemist Job #06-5

*Job Description:* Perform organic transformations on research scale & execute & evaluate the results of confirmatory analytical measurements. Perform a variety of novel synthesis in a collaborative research environment.

### QUALIFICATIONS DESIRED

*Education:* BS or MS, chem  
*Experience:* 2 yrs exp performing org synthesis for associated positions Experience in preparative scale organic chemistry is a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Burlingame  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Dedicated to the development of novel mesoscopic materials.  
*Application Instructions:* Send resume/CV to: Covalent Partners LLC Human Resources Dept. Reference Job# 06-5 330 Beach Road Burlingame, CA 94010 FAX: 650-227-7701 Email: resume@covalent.to

## CHEMPLOYMENT ABSTRACTS 3342

*Position Title:* Research Chemists

*Job Description:* Coordinate a stability program & analyze pharmaceutical drug substance test samples following cGMPs. Develop & validate analytical methods, conduct chem analysis using HPLC, GC, spectroscopy & wet chem. Provide timely support & coordinate activities with Chem Mfg. Provide analysis & release of active pharmaceutical ingredients & drug prods. Maintain lab instrumentation.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chem or related field  
*Experience:* Up to 4 yrs lab exp is required. Familiarity with HPLC, data acquisition systems, spectroscopy & dissolution testing is required. Word, Excel, Beckman PeakPro & LabManager LIMS skills are necessary. LC/MS a plus. Knowledge of cGMP guidelines is essential. Strong skills in FT-IR, GC & dissolution, Microsoft NT computer skills a plus. Job Code: SVC2000

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City  
*Application Instructions:* Send resume to: Gilead Sciences Job Code SVC2000, Human Resources 333 Lakeside Drive Foster City, CA 94404 Email: careers-fostercity@gilead.com FAX: 650-522-5800

## CHEMPLOYMENT ABSTRACTS 3343

*Position Title:* Research Associate, Chemistry

*Job Description:* Responsibilities will include synthesis, purification & characterization of novel chem entities in support of various cancer drug discovery programs. Will contribute to drug discovery efforts of Chem. Dept.

### QUALIFICATIONS DESIRED

*Education:* BS,MS chem  
*Experience:* 1-3 yrs related industrial exp in org or medicinal chem required. Exp in modern separation techniques & knowledge of current spectroscopic analysis methods are essential.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Attractive compensation & benefits package  
*Description of Employer:* Development of small molecule drugs using renowned drug discovery techniques  
*Application Instructions:* Send resume & cover letter to: Sugen, Inc., HR Dept, Attn: Job Code JW-ACS 230 East Grand Avenue South San Francisco, CA 94080 FAX: 650-553-8301 Email: jobs@sugen.com (NO ATTACHMENTS, PLEASE)

## CHEMPLOYMENT ABSTRACTS 3344

*Position Title:* Research Associate, Combinatorial Chemistry

*Job Description:* Will assist a PhD chemist in hands-on use of state-of-the art automation to build libraries of small molecules via solid & soln phase techniques. Also responsible for preparing cpds for analytical data acquisition, submission to screening for assay & entering library data into library database.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chemistry  
*Experience:* 2+ yrs exp in org synthesis. Previous exp in high thrupt synthesis is a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Attractive compensation & benefits package  
*Description of Employer:* Development of small molecule drugs using renowned drug discovery techniques  
*Application Instructions:* Send resume & cover letter to: Sugen, Inc. HR Dept, Attn: Job Code JW-ACS 230 East Grand Avenue South San Francisco, CA 94080 FAX: 650-553-8301 Email: jobs@sugen.com (NO ATTACHMENTS PLEASE)

## 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**  
Ms Holly Kreuter  
American Chemical Society  
California Section  
2140 Shattuck Avenue, Rm 1101  
Berkeley, CA 94704  
510-848-0512  
email: calacs@sirius.com



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

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#### **JULY 2000 NEWSLETTER TOPICS:**

Reminder: Annual Wine Tasting, Family Picnic and Awards Ceremony

Call for Nominations: Carothers Award

Chair's Message

The Carothers Award

ACS Women Chemistry Committee Travel Awards

ACS Publishes Pamphlet on Global Climate Change  
and Fact Sheet on Chemical Weapons

Editor's Corner

Did You Know That...

#### **CHEMPLOYMENT ABSTRACTS**



<http://www.scvacs.org>

#### **SANTA CLARA VALLEY SECTION**

##### **2000 SECTION OFFICERS**

Chair	Ean Warren	650-329-4554
Chair-Elect	Sally Peters	650-812-4994
Secretary	Karl Marhenke	831-479-6263
Treasurer	Hong Gao	650-494-5197
Past-Chair	Jamil Talhouk	925-449-2664

##### **Councilors**

1998-00	Linda Brunauer	408-554-6947
1998-00	Sally Peters	650-812-4994
1999-01	Bonnie Charpentier	650-354-2344
1999-01	Herb Silber	408-924-4954
2000-02	Maureen Scharberg	408-924-4966
2000-02	John F. Riley	650-328-2746
2000-02	Ean Warren	650-329-4554

##### **Alternate Councilors**

1998-00	Jamil Talhouk	925-449-2664
1999-01	Peter Rusch	650-948-0237
1999-01	Jonathan Touster	650-723-4340
2000-00	George Lechner	408-226-7262
2000-02	Roy Okuda	408-924-2525
2000-02	Donna Drogos	408-265-2600
2000-02	Lance Wong	650-829-1148

##### **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>Jul 15</b>	Summer Picnic
<b>Aug 20-24</b>	National ACS Meeting Washington, DC
<b>Nov 5-11</b>	National Chemistry Week
<b>Dec 14-19</b>	Pacificchem International Congress; Honolulu, HI

For the latest information, please visit  
the SCV ACS Web site: [www.scvacs.org](http://www.scvacs.org)

#### **CHEMPLOYMENT ABSTRACTS**

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