

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 22 No. 9

## Dr. Darleane Hoffman The 2001 Moshers' Award Winner

This year the Moshers' Award Winner comes from our Bay Area. But, no matter how far we would have gone we would not have found a worthier awardee than Dr. Darleane Hoffman. Professor Hoffman's scientific achievements and contribution to the field of Chemistry epitomize the goals and the spirit of this award.



Director of the Seaborg Institute for Transactinium Science. The awards bestowed on Professor Hoffman are many. The latest was the ACS Priestly Medal, presented to her in March, 2000 during the ACS National meeting in San Francisco. Before that, She

was elected Fellow at the American Institute of Chemists, American Physical Society and the American Association for the Advancement of Science. Dr. Hoffman was also the recipient of the ACS Garvan Medal for contributions for the physics and

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Dr. Hoffman has been a professor in the Department of Chemistry at the University of California at Berkeley since 1984. She is also a senior scientist and a group leader at Lawrence Berkeley National Laboratory and the

## September Dinner Meeting

**Title:** Decoding The Stradivarius: The Materials, The Sound, and The Mystique with *Dr. Joseph Nagyvary* and music performed by *Violinist Zina Schiff*

**Date:** Saturday, September 23, 2000

**Time:** 2:00 p.m. Presentation  
3:15 p.m. Musical performance  
4:00 p.m. Refreshments

**Location:** California State University, Hayward, Main Theater  
25800 Carlos Bee Blvd.  
Hayward, California  
510-885-3000

### Reservations:

Shirley Radding  
408-246-2564  
408-296-8625 FAX  
sradding@att.net

or

California ACS Section Office  
925-287-8055  
office@calacs.org

Reservations should be made by September 15th stating name, section affiliation, number of tickets desired.

**Cost:** \$8.00 per person



The Santa Clara Valley and California Sections are pleased to host a joint program on September 23rd at the Cal State Hayward Theater for chemists and music lovers as well.

The July issue of Discover magazine features a fascinating article on our guest speaker, Dr. Joseph Nagyvary, entitled Stradivari's Secret. We will also be treated to a musical performance and comparison of a Nagyvary violin, a Stradivarius violin, and a 20th century violin made by Sergio Peresson.

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## Decoding the Stradivarius The Materials, The Sound and The Mystique

### Abstract

Following centuries of speculations, some modern chemical analysis was performed on the material make-up of old Italian string instruments, including one sample of Antonio Stradivari. The results are quite different from those obtained in the analysis of the 19th and 20th century instruments. There seem to be three major differences, which may have a profound effect on the acoustical properties. (1) The wood of the old instruments appears to be soaked in a brine; (2) the surface was filled with a water-soluble mucilage and mineral powder, and (3) the varnish itself was a microcomposite. Admittedly, the limited number of samples analyzed does not allow a generalization, but



numerous studies of reconstruction lend support to this new view of what was really important in the Cremona method of violin making. Chemistry—both ancient and modern—emerges as a critical tool in determining the sound quality of wooden musical instruments. Historical evidence suggests that Stradivari and his colleagues

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*Moshers' Award, continued from front page*  
chemistry of the heaviest elements. Dr. Hoffman's contributions and professional activities are too numerous to list. She was the Chair of the ACS Division of Nuclear Chemistry and Technology (DNCT), Chair of the committee of Nuclear and Radiochemistry (NAS-NRC), Committee Member of IUPAC-IUPAP on claims to priority of discovery of elements 104 and 105. Some of Dr. Hoffman's accomplishments with her co-workers are the discovery of plutonium-244 in nature, first observation of enhanced symmetric mass division in spontaneous fission in heavy fermium (element 100) isotope. First direct proof of electron-capture delay fission development of atom-at-a-time techniques for investigations of the chemical properties of the heaviest elements which have half-life of minute or less.

Dr. Hoffman was born in Terrill, Iowa. She received her B.S. and Ph.D. in Chemistry from Iowa State University, Ames, Iowa. She and her husband have two children and they live in Oakland.

## Chair's Message

Well summer's over and now it is time to start thinking about the fall's events. We're going to have a busy one with a couple of activities each month. Sally Peters has already planned a series of interesting talks for dinner meetings for September, October, and November ([www.scvacs.org/Local\\_Folder/din\\_mtg.html](http://www.scvacs.org/Local_Folder/din_mtg.html)). Claire Komives and Raquel Olegario, as chairs of the Younger Chemists Committee, have planned events for the rest of the year, starting with a tour of Gordon Biersch Brewery on August 31 ([www.scvacs.org/ycc/](http://www.scvacs.org/ycc/)). Also we are in the planning stage for events celebrating National Chemistry Week, November 5 – 11. This year's theme is "Kitchen Chemistry." If you would like to participate in any of these events, contact one of the officers on the back of the newsletter or check out our web site ([www.scvacs.org](http://www.scvacs.org)).

*Ea Warren*

*September Meeting, continued from front page*  
Renowned concert violinist, Zina Schiff, will perform Richard Names Rhapsody and other selections. She will be accompanied on the piano by her daughter, Cherina.

### **Directions:**

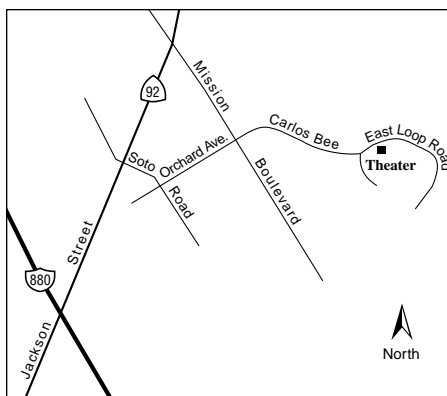
*From 880 or the San Mateo Bridge:*

Head East on Rt. 92 (Jackson) Turn right onto Soto, then turn left onto Orchard. After crossing Mission, Orchard becomes Carlos Bee and goes directly to campus. Turn left on Loop Road and then right into K or L parking lots that are directly behind the Theater.

*From the Hayward Bart Station:*

On the Saturday schedule take bus 92 to campus. It leaves the station hourly at 12:27, 1:27; etc.

Parking is free on Saturday on campus. For more information, visit web site at [www.csubayward.edu](http://www.csubayward.edu).



*Decoding, continued from front page*

were lucky beneficiaries of fortuitous coincidences with regard to wood procurement and finishing technologies. Much of the mystique concerning Stradivari's violins could have had its real origin in the local drug store.

Unfortunately, the satisfactory scientific verification of the above hypothesis will have to await a change of heart by the powerful antique violin business: it is expected to provide samples and funds for materials analysis. In the meantime, the author's views will remain controversial, while the Stradivari mystique will keep growing.

One of the persistent myths that no modern violin maker has produced anything comparable with a Strad can be debunked. Tonal analysis via FFT technology can prove that some present violin makers compare favorably with an average Stradivarius. To illustrate this point, a new violin by Dr. Nagyvary will be compared to a Stradivarius owned and played by Zina Schiff, as an entertaining prelude or postlude in the program featuring both arts and sciences.

### **Biography of Joseph Nagyvary**

A native of Hungary, Joseph Nagyvary majored in chemistry at the Eotvos Lorand University of Budapest (1952-1956); he became a student of

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## A. Ottenberg Award for 2000

The Abraham Ottenberg Award of the Santa Clara Valley Section recognizes members of the section who have provided distinguished service to the Section. This year's recipient is Herbert B. Silber. The award was presented at the annual Awards Picnic and Wine Tasting Meeting at Stanford University July 15th 2000.

The recipient was nominated for his continued service to this Section from 1968 to present. He has held elected offices as Alternate Councilor, Councilor, Chair-elect, Chair and Past-Chair. He has also chaired the Awards Committee and the Safety Committee. At the National Level he has served on the Committee on Minority Affairs and Project SEED. Before coming to the Bay Area he served as Chair-elect, Chair, Past Chair and Secretary of the San Antonio Section.

*Decoding*, continued from previous page

the Swiss Nobel Laureate Paul Karrer in 1957, and received his Ph.D. in the chemistry of natural products in 1962. While in Zurich, he had his first formal violin lessons on a violin which once belonged to Albert Einstein, a coincidence which helped turning his attention to the physical mysteries of the violin. In 1963, he spent a postdoctoral year with Lord Alexander Todd, a British Nobel Laureate. He came to the United States in 1964, held positions at the University of Connecticut and Creighton University, and settled down in Texas in 1968 at Texas A&M University. He was awarded tenure in 1972 and has remained in College Station as a professor of biochemistry and biophysics.

Professor Nagyvary was the recipient of a Career Development Grant, and numerous other research grants from the National Institutes of Health, the National Science Foundation, and the NASA. His expertise in natural products chemistry includes alkaloids (curare), peptide and nucleotide synthesis and polysaccharides. Professor Nagyvary has brought an unprecedented level of academic expertise to bear upon the age old violin puzzle. His discoveries concerning the classical violins were made public in over 120 lectures sponsored by the American Chemical Society. Unfortunately, Dr. Nagyvary's work has often been distorted and sensationalized by journalists and magazine writers. In addition to his academic duties, Dr. Nagyvary also runs a private violin business which is detailed at the web site [www.nagyvary-violins.com](http://www.nagyvary-violins.com).

#### *Violin Related Publications of Dr. Joseph Nagyvary*

1. The history and interpretation of chemical knowledge available to violin makers. *J. Violin Soc. of America*, Vol. IV, Nos. 3&4, pp. 147-176, 1978.
2. The effects of minerals and fiber on plate tuning. *Ibid.* Vol. VI, No. 2, 54-79, 1981.
3. Strategies for acoustical varnish. *Ibid.* Vol. VI, No. 3, 19-25, 1983.
4. The Cremona gold color: Its chemistry and reconstitution. *Ibid.* VII.,

No. 2, 88-110, 1984.

5. The chemistry of Stradivarius. *Chem&Eng News*, May 23, 1988.
6. J. Nagyvary and J. Ehrman. The composite nature of the antique Italian varnish. *Die Naturwissenschaften*, 75, 918-920, 1988.
7. Entzifferung des Stradivari-Tones und allgemeine Geigenforschung in Texas. *Das Musikinstrument*, 42, No. 6-7, pp.107-111, 1993.
8. Modern Science and the Classical Violin—a View from Academia. *The Chemical Intelligencer*, 2, No. 1, 24-31, 1996.

#### *Partial Listing of Other Media Releases*

“What is music?” PBS Nova special program featuring violin research at TAMU.

Also, ABC World News, NBC Nightly News, major articles in *New York Times*, *Times of London*, *Die Welt* and diverse magazines such as *The Smithsonian*, *Science '84*, *Readers Digest*, *Discovery*, *People*, and *Southern Living*. Nothing could be more flattering though than the inclusion of Nagyvary's work in the 6th grade Science textbook published by Silver Burdett & Ginn, and in the high school textbook *Modern Chemistry* by Holt, Rinehart and Winston.

Recordings on CD using Nagyvary violins were made by Zina Schiff on Stradivari Classics label (Bach & Vivaldi, SCD 8010; *The Lark Ascending*, SCD 8011), and by Suzan Leon under Classiopee Disques (Dvorak, DDD 969252; Faure DDD 969251).

#### ***Biography of Zina Schiff***

Violinist Zina Schiff has been described by *The New York Times* as an instrumentalist of “Luscious high voltage...vintage Heifetz.” The comparison to the legendary Jascha Heifetz is apt, as Ms. Schiff is a Heifetz protege. With a special blend of virtuosity, musical integrity, and communicative power, she has dazzled audiences and critics throughout the United States, Eastern and Western Europe, Israel, Australia, and the former Soviet Union. Zina's many awards include

the Young Musicians' Foundation Debut Award, the San Francisco Symphony Foundation Award, and a grant from the Martha Baird Rockefeller Fund for Music. A student of Ivan Galamian at The Curtis Institute of Music, she is the only violinist to have won both the Junior and Senior Auditions of the Philadelphia Orchestra. Zina recorded the score for the MGM movie “The Fixer”, composed for solo violin by Academy-Award winner Maurice Jarre. Named one of the “Top Ten College Winners” by *Glamour Magazine*, Zina has been selected as an “Out-standing Young Artist” by *Musical America*.

Zina has performed at such summer festivals as Music from Bear Valley, Sewanee, and Newport, Rhode Island, where her artistry was described as “pure perfume”. Radio listeners are familiar with Zina's appearances on National Public Radio's “Performance Today”, WGBH's “Morning Pro Musica” in Boston, and New York's WQXR. Television viewers worldwide saw Zina on the PBS “Nova” program entitled “What is Music?”, where she performed the Sibelius Concerto on an experimental violin by Texas A&M professor Joseph Nagyvary.

Zina's highly acclaimed debut recordings were two compact discs, *The Lark Ascending and Bach/Vivaldi* – with the Israel Philharmonic, performed on a Nagyvary violin. Her latest CDs – *Here's One*, a collection of American music, and *King David's Lyre*, a set of works by Jewish composers, were performed on a 1697 Stradivarius and were selected as Best of 1997 by the American Record Guide.

Reviewers on four continents have been excited by Zina's “communicated sincerity and sensitivity – call it charisma” (*San Diego Union*) and her “complete mastery of the violin” (*London Daily Telegraph*).



# Volunteers Needed

The Intel Carver Scholars Program is looking for 20 one-on-one science coaches for 4th to 12th grade minority students in the Silicon Valley, particularly in San Jose. The coaches will work with and encourage the students by e-mail, telephone and in person for the student to complete a science fair project for competition on Jan. 5, 2001 – the George Washington Carver Recognition Day and Science Fair in California. Contact Howard Peters as soon as possible (650) 324-1677 Ext. 20 or [peters4pa@aol.com](mailto:peters4pa@aol.com).

## Learning Opportunities

San Jose State University Department of Chemical and Materials Engineering can enhance your professional devel-

opment. The courses offered help one keep pace with our rapidly changing and increasingly demanding workplace. Class times are chosen to be compatible with typical work schedules.

You can learn new job skills, enhance existing competencies or explore a new career field. Find out about Fall 2000 courses at: [www.engr.sjsu.edu/cme/](http://www.engr.sjsu.edu/cme/).

## Upcoming Events

The October speaker will be Dr. Geof Dolbear. His title is "Everything you always wanted to know about consulting (...but were afraid to ask). The tentative date and place are Thursday, October 19th at Capriccio's restaurant in Menlo Park.

### CHEMPLOYMENT ABSTRACTS – SEPTEMBER 2000

#### CHEMPLOYMENT ABSTRACTS 3345

*Position Title:* Research Scientist (Chip Development - New Surfaces)

*Job Description:* Initiate & implement novel research & development strategies in area of ProteinChip arrays. Independently develop new surface chemistries to improve & expand ProteinChip array separation capabilities

##### QUALIFICATIONS DESIRED

*Education:* PhD chem, chem engrg or biochem  
*Experience:* Min 5 yrs hands-on exp in surface modification & synthetic polymer chem mandatory. Protein sepn and/or biosensors highly desirable. Strong analytical skills & organizational, computer & verbal/written communication skills.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* \$65-75,000

*Description of Employer:* A leader in biomarker discovery, assay development & characterization.

*Application Instructions:* Send resume to:  
[Larthur@ciphergen.com](mailto:Larthur@ciphergen.com)  
[www.ciphergen.com](http://www.ciphergen.com)

#### CHEMPLOYMENT ABSTRACTS 3346

*Position Title:* Sr. Research Scientist

*Job Description:* Lead efforts to discover novel economical processes for synthesis of investigation & commercial drug substances. Generate ideas based on chem literature, scale up successful approaches in pilot plant & transfer technology to contract manfg. Also prepare reports & regulatory documents & supervise research chemists.

##### QUALIFICATIONS DESIRED

*Education:* PhD synthetic org chem  
*Experience:* 5+ yrs pharmaceutical process chem is required with knowledge of both research & chemical manfg. A record of sci publications & patents & strong communication skills are essential. Knowledge of cGMP & FDA regulations are highly desirable.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City

*Salary:* Competitive salary & benefits

*Description of Employer:* Bio-pharmaceutical co. seeking to provide accelerated solns for patients

*Application Instructions:* Send resume to:

HR, Job# ACSRF-240

Gilead Sciences, Inc.

333 Lakeside Drive

Foster City, CXA 94404

FAX: 650-522-5800

[www.gilead.com](http://www.gilead.com)

#### CHEMPLOYMENT ABSTRACTS 3347

*Position Title:* Associate Chemist

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

##### QUALIFICATIONS DESIRED

*Education:* BA/BS or MA/MS org chem

*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

#### CHEMPLOYMENT ABSTRACTS 3348

*Position Title:* Synthetic Organic Chemist

*Job Description:* Develop novel mats for advanced printers, displays, media & molecular electronics. Design, synthesize & analyze molecular structures that provide enabling properties for these applications.

##### QUALIFICATIONS DESIRED

*Education:* PhD synthetic organic chemistry

*Experience:* 5 yrs exp in molecular synthesis with hands-on R&D exp involving a variety of small org molecule chemistries & exp must include design of synthetic schemes for lab & large scale org synthesis of target molecules & intermediates.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & excellent benefits

*Description of Employer:* Hewlett Packard Labs

*Application Instructions:* Send resume to:

E-mail: [Kent\\_Vincent@HP.com](mailto:Kent_Vincent@HP.com)

Hewlett Packard

1501 Page Mill Road #2U-18

Palo Alto, CA 94304

650-857-4436

#### CHEMPLOYMENT ABSTRACTS 3349

*Position Title:* Laboratory Instructional Assistant I

*Job Description:* Assemble, arrange prepare lab mats, supplies & equipment needed for student exercises in timely manner as specified by instructor lab schedules.

##### QUALIFICATIONS DESIRED

*Education:* Equivalent to 2 yrs college with major coursework in chem & 2 yrs exp I either educational support work or work in chem to which assigned.  
*Experience:* Additional exp as outlined above may be substituted for education on a year for year basis and/or additional educational may be substituted for exp on a year for year basis.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Aptos

*Salary:* \$2217/month to start, 6-step schedule to \$2829/month. 10 months per year assignment

*Description of Employer:* Cabrillo College

*Application Instructions:*

Contact Cabrillo College Personnel Dept at: 831-479-6217 or [www.cabrillo.cc.ca.us](http://www.cabrillo.cc.ca.us) for information & required application. Must submit a) completed & signed application; b) resume-job related; c) 3 recent letters of recommendation; d) transcripts from all colleges attended; e) Criminal History Inquiry Supplemental to Appl.

#### CHEMPLOYMENT ABSTRACTS 3350

*Position Title:* Bioanalysis Research Associate

*Job Description:* Perform GLP-based bioanalysis in support of drug development candidates.

##### QUALIFICATIONS DESIRED

*Education:* BS/MS chem or related discipline  
*Experience:* Knowledge of pharmacokinetics & drug metabolism desirable. Must know HPLC, LC/MS and/or MS/MS techniques.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & benefits

*Description of Employer:* Molecular therapeutics company

*Application Instructions:* Send resume to:

Gabrielle Heenan

E-mail: [gabrielle@setrensmallberg.com](mailto:gabrielle@setrensmallberg.com)

#### CHEMPLOYMENT ABSTRACTS 3351

*Position Title:* Bioanalysis Scientist

*Job Description:* Perform GLP-based bioanalysis in support of drug development candidates.

##### QUALIFICATIONS DESIRED

*Education:* PhD chemistry or related discipline  
*Experience:* Exp involving quantitative analysis of metabolites. Must know HPLC, LC/MS and/or MS/MS techniques. Knowledge of pharmacokinetics & drug metabolism desirable.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & benefits

*Description of Employer:* Molecular Therapeutics Company

*Application Instructions:* Send resume to:

Gabrielle Heenan

E-mail: [gabrielle@setrensmallberg.com](mailto:gabrielle@setrensmallberg.com)

#### CHEMPLOYMENT ABSTRACTS 3352

*Position Title:* President, Chemicals Organization

*Job Description:* Need a dynamic person to lead & direct its Chemical Organization. Responsible for building the organization & guiding the commercial appl of research & prod development efforts. Also responsible for guiding the organization's strategic partnership & business development strategy.

##### QUALIFICATIONS DESIRED

*Education:* Grad degree in business and/or technol or equivalent exp is necessary.  
*Experience:* 10-15 yrs exp in leadership positions within the chem ind with a general familiarity of the biotech ind. A proven record of success in the development of new technologies with knowledge & exp in developing & implementing strategic partnerships, business & market development plans. Ability to lead in dynamic, fast-paced environment of a start-up biotech org is essential, understanding & passion for science & develop of chem prods & orgs.

##### LOCATION, SALARY, MAIL ADDRESS

*Location:* Redwood City

*Salary:* Competitive salary & benefits

*Description of Employer:* Molecular therapeutics co.

*Application Instructions:*

Susan Flickinger

[flick@setrensmallberg.com](mailto:flick@setrensmallberg.com) or 510-208-0312

# CHEMPLOYMENT ABSTRACTS — SEPTEMBER 2000

## CHEMPLOYMENT ABSTRACTS 3353

*Position Title:* Radiochemistry Research Scientist

*Job Description:* Plan & execute synthesis of radiolabeled cpds with <sup>3</sup>H, <sup>14</sup>C & stable isotopes on micro scale. Prepare research repts for presentation. Must maintain safe lab working conditions & comply with EH&S radiation safety & CGMP regulations.

### QUALIFICATIONS DESIRED

*Education:* PhD synthetic org chem + 2+ yrs postdoc exp for RS 1 & 4+ yrs postdoc exp for RS II position.

*Experience:* Exp in planning synthetic routes, conducting exps & purifying & identifying prods is required. Background with microscale & radio-org synthesis is desired, & knowledge of analysis & purification by HPLC a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive salary & benefits

*Description of Employer:* Focused on small molecule drug discovery

Application Instructions: Send resume to:

Roche Bioscience, Job Code 0809ACS-RC

3401 Hillview Avenue, A2-HR

Palo Alto, CA 94304

FAX: 650-424-8159

www.roche.com/bioscience

## CHEMPLOYMENT ABSTRACTS 3354

*Position Title:* Process Chemistry, Research Scientist

*Job Description:* Conduct research to find economical & safe synthetic routes to exp Active Pharmaceutical Ingredients (APIs) & carry out scale-up activities (large glassware & pilot plant equipment) to produce batches of APIs for use thruout the org. Keeping current with chem lit, make contributions for projs including for other groups, conduct lit searches & write tech rpts.

### QUALIFICATIONS DESIRED

*Education:* PhD org chem or BS/MS with 5-10 yrs exp

*Experience:* Knowledge of synthetic org chem, bench-scale lab skills are required. Pilot plant/kilo lab-scale skills, ability to lead a team of synthetic chemists, Knowledge of GMPs & process scale-up exp preferred.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto

*Salary:* Competitive Salary & Benefits

*Description of Employer:* Focused on small molecule drug discovery

Application Instructions: Send resume to:

Roche Bioscience, Job Code 0809ACS-PC

3401 Hillview Avenue, A2-HR

Palo Alto, CA 94304

FAX: 650-424-8159 www.roche.com/bioscience

## CHEMPLOYMENT ABSTRACTS 3355

*Position Title:* Research Assistant/Associate

*Job Description:* Work in all areas of drug development from lead discovery to clinical candidate selection. Conduct multi-step synthesis using soln & solid-phase chemistries & responsible for purification & structural characterization of synthetic targets. Also communicate results to department colleagues.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chemistry

*Experience:* Strong interpersonal & organizational skills are a must.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco

*Salary:* Competitive salary & benefits

*Description of Employer:* Biotech leader

Application Instructions: E-mail resume to:

jlygare@gen.com (Place Job Code2344-HB-ACS in subject field; ASCII files only with max line width of 76 characters) or mail to:

Genentech, Inc.

Attn: Human Resources

P.O. Box 1950

South San Francisco, CA 94080-1950

FAX: 650-225-2371

www.gene.com

## CHEMPLOYMENT ABSTRACTS 3356

*Position Title:* Research Associate & Staff Scientist

*Job Description:* Apply synthetic medicinal & combinatorial chem knowledge to discovery of new drug candidates. Design & synthesize org cpds & combinatorial libraries. Work independently & as part of multidisciplinary team. A solid knowledge of synthetic org chem & analytical techniques.

### QUALIFICATIONS DESIRED

*Education:* PhD or BS/MS with 1+ yr relevant industrial exp.

*Experience:* Multistep org synthesis preferably in a medicinal or combinatorial chem environ. Use of NMR, MS, HPLC & std cpd purification methods.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco

*Salary:* Competitive salary & benefits

*Description of Employer:* Focused on discovery of drugs which modulate gene expression for treatment of serious human diseases

Application Instructions: Send resume & cover letter to:

Genesoft, Inc.

Human Resources (Code:MCI-ACS)

2 Corporate Drive, Suite 100

South San Francisco, CA 94080

E-mail: info@genesoftinc.com

FAX: 650-635-0222

## CHEMPLOYMENT ABSTRACTS 3357

*Position Title:* Software Engineer

*Job Description:* Responsible for writing software to control & process data for mass spectrometers & associated devices. Including windows 2000 application development, communications software, printing & report generation, numerical calc & general algorithm development.

### QUALIFICATIONS DESIRED

*Education:* Background in chem or biol.

*Experience:* Web based skills of JAVA, HTML a plus. Must have exp using C++ language & windows NT.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemTH

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3358

*Position Title:* Protein Chemist(s)

*Job Description:* Responsible for conducting research on proteins and peptides. Analyze & test new or existing mats to identify properties & characteristics for development or improvement of new or existing prods. Study the relationship between chem & phys properties.

### QUALIFICATIONS DESIRED

*Education:* PhD or equiv

*Experience:* 3 or more yrs exp with org reactions with biopolymers, including org synthesis as well as study of protein chem & properties.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code: ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3359

*Position Title:* Software Applications Engineer (Proteomics)

*Job Description:* Responsible for analysis, design, programming, debugging & modification of local, network or internet related computer programs for commercial applications using current program languages & technologies. Complete documentation & procedures for installation & maintenance. May interface with users or marketing personnel to help define system requirements and/or modifications.

### QUALIFICATIONS DESIRED

*Education:* BS degree

*Experience:* Minimum of 3 yrs exp with HTML, Perl, JAVA and/or C/C++ programming Some familiarity with biol sci or analytical measurements a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3360

*Position Title:* System Design Engineer

*Job Description:* Responsible for designing, defining & implementing a lab automation system for biotech lab. Determine automation system specifications, input/output processes & working parameters for hardware/software compatibility. Coordinate design of subsystems & integration of total system.

### QUALIFICATIONS DESIRED

*Education:* PhD or MS or equivalent

*Experience:* 3 yrs exp minimum. Exp with highly parallel, automated liquid sample handling systems & LIMS systems desired.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3361

*Position Title:* Bioinformaticist

*Job Description:* Responsible for analysis, design, programming, debugging & modification of local, network or internet related computer programs for bioinformatic commercial applications. Write code, complete programming & perform testing & debugging of applications using current program languages & technologies. Complete documentation & procedures for installation & maintenance. May interface with users or marketing personnel to help define system requirements and/or necessary modification.

### QUALIFICATIONS DESIRED

*Education:* MS, PhD or equiv

*Experience:* Minimum 3 yrs exp with HTML, Perl, Java and/or C/C++ programming. Familiarity with biol sci & modern bioinformatic technologies required.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3362

*Position Title:* Scientist

*Job Description:* Responsible for initiation, design, development, execution & implementation of scientific research projs. Investigate feasibility of applying scientific principles & concepts to potential inventions & products. Plan & execute lab research. Maintain substantial knowledge of state-of-the-art principles & theories & may contribute to scientific literature & conferences. May participate in development of patent applications. May coordinate interdept activities & research efforts.

### QUALIFICATIONS DESIRED

*Education:* PhD

*Experience:* 8+ yrs exp with modern biological methods including pharmacology and/or toxicol expertise.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3363

*Position Title:* Research Scientist

*Job Description:* Responsible for initiation, design, development, execution & implementation of scientific research projs. Investigate the feasibility of applying scientific principles & concepts to potential inventions & products. Plan & execute lab research, maintain substantial knowledge of state-of-the-art principles & theories & may contribute to scientific literature & conferences. May participate in development of patent applications. May coordinate interdept activities & research efforts.

### QUALIFICATIONS DESIRED

*Education:* MS, PhD or equiv

*Experience:* 3 or more yrs exp with modern microfluidic technologies and/or chromatog and/or mass spect methods.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemCB

355 River Oaks Parkway

San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3364

*Position Title:* LC/MS Product Specialist(s)

*Job Description:* Will Assist in all aspects of Product Marketing including but not limited to hardware & software prod evaluations, strategic planning, methods development & publications of applications notes & tech bull, market assessments, competitor evaluations.

### QUALIFICATIONS DESIRED

*Education:* BS, MS or PhD

*Experience:* Must have excellent communication & organization skills, 2 yrs exp. Significant travel required to worldwide offices, customer sites & trade shows.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose

*Salary:* Competitive salary & benefits

*Description of Employer:* Chemical Testing Equipment Manufacturer

Application Instructions: Send resume to:

ThermoQuest Corporation

Attn: Caren Scott

Job Code ChemG

355 River Oaks Parkway

San Jose, CA 95134

# CHEMPLOYMENT ABSTRACTS —SEPTEMBER 2000

## CHEMPLOYMENT ABSTRACTS 3365

*Position Title:* LC/MS Triple Quadrupole Product Manager

*Job Description:* Responsible for assessing scientific strategies within the industries served, management of all marketing aspects of current prod including creation & presentation of papers, sales tools & promotional mail using appropriate technical & applications data. Will also generate future prod definitions & strategies so we can maintain our position as market leaders in these technologies.

### QUALIFICATIONS DESIRED

*Education:* BS, PhD preferred, biochem or chem  
*Experience:* 5 yrs exp. Prior exp within analytical equipment, pharmaceutical or biotech industries are also required, preferably using LC/MS. Must have excellent communication skills.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Chemical Testing Equipment Manufacturer

*Application Instructions:* Send resume to:  
ThermoQuest Corporation  
Attn: Caren Scott  
Job Code ChemIG  
355 River Oaks Parkway  
San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3366

*Position Title:* Scientist

*Job Description:* Responsible for initiation, design, development, execution & implementation of scientific research proj. Maintain substantial knowledge in state-of-the-art principles & theories & may contribute to scientific literature & conferences. Will work in a research environment & will assist with the design & development of novel(hybrid) LC/MS TOF systems.

### QUALIFICATIONS DESIRED

*Education:* PhD  
*Experience:* Minimum of 5 yrs exp, prior exp with TOF is desired.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Chemical Testing Equipment Manufacturer

*Application Instructions:* Send resume to:  
ThermoQuest Corporation  
Attn: Caren Scott  
Job Code Chem678-GS  
355 River Oaks Parkway  
San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3367

*Position Title:* Software Engineer

*Job Description:* Responsible for development of advanced software applications for Proteomic and metabolic applications. Development of mass spectral visualization tools to support pharmaceutical applications.

### QUALIFICATIONS DESIRED

*Education:* BS  
*Experience:* Minimum of 2 yrs exp. Must have exp using C++ language and windows NT. Background in chem or biol along with web based skills of JAVA, HTML a plus.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* San Jose  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Chemical Testing Equipment Manufacturer

*Application Instructions:* Send resume to:  
ThermoQuest Corporation  
Attn: Caren Scott  
Job Code Chem1214-IM  
355 River Oaks Parkway  
San Jose, CA 95134

## CHEMPLOYMENT ABSTRACTS 3368

*Position Title:* Sr. Research Scientist

*Job Description:* Lead efforts to discover novel economical processes for synthesis of investigational & commercial drug substances. Generate ideas based on chem lit, scale up successful approaches in pilot plant & transfer technol to contract manufacturers. Prepare reports & regulatory documents & supervise research chemists.

### QUALIFICATIONS DESIRED

*Education:* PhD synthetic org chem  
*Experience:* 5+ yrs in pharmaceutical process chem is required with knowledge of both research & chem manufacturing. A record of scientific pubs & patents & strong communication skills are essential. Knowledge of cGMP & FDA regulations is highly desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Discovers, develops, mfrg & commercialize proprietary therapeutics.

*Application Instructions:* Send resume to:  
JobCode RF-240  
careers-fostercity@gilead.com or: FAX: 650-522-5800  
Human Resources  
Gilead Sciences, Inc.  
333 Lakeside Drive  
Foster City, CA 94404  
www.gilead.com

## CHEMPLOYMENT ABSTRACTS 3369

*Position Title:* Research Scientist/Sr. Research Scientist

*Job Description:* Design, execute & analyze results from preformulation, formulation & proc development expts leading to commercial formulations & mfg proc. Coordinate & lead activities for mfg toxicol, clinical & registration/validation batches, write CMC sections of regulatory dossiers

### QUALIFICATIONS DESIRED

*Education:* PhD pharm chem, pharmaceutics or equiv  
*Experience:* res scientist, 0-5 yrs exp in preformulation/formulation development. Sr. res scientist 5 or more exp in dosage form development, familiarity with expt design/statistics, pharmaceutical/analytical chem & strong pharmaceutical/phys pharmacy background.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Discovers, develops, mfrg & commercialize proprietary therapeutics.

*Application Instructions:* Send resume to:  
JobCode RF-251  
careers-fostercity@gilead.com  
or: FAX: 650-522-5800  
Human Resources  
Gilead Sciences, Inc.  
333 Lakeside Drive  
Foster City, CA 94404  
www.gilead.com

## CHEMPLOYMENT ABSTRACTS 3370

*Position Title:* Process Engineer

*Job Description:* Support the development programs for cGMP manufacture of active pharmaceutical ingredients (API). Evaluate contract manufacturers based on cost, volume & timelines; manage manufacturer relationships; write/review manufacturing batch records; interact with QC/QA/Regulatory Affairs on API manufacturing process issues; & coordinate process development, scale-up, validation & manufacturing work to meet regulatory guidelines.

### QUALIFICATIONS DESIRED

*Education:* BS Chem  
*Experience:* 2-5 yrs bulk API manufacturing exp & knowledge of cGMP regulations.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Palo Alto  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Discovery & development of novel small molecule drugs for treatment of chronic cardiovascular diseases

*Application Instructions:* Send resume to:  
HR, CV Therapeutics  
3172 Porter Drive  
Palo Alto, CA 94304  
FAX: 650-858-0287  
No phone calls, please.

## CHEMPLOYMENT ABSTRACTS 3371

*Position Title:* Medicinal Chemistry, Sr Research Associates

*Job Description:* Design & synthesize novel drug candidates as a member of an integrated, multidisciplinary discovery team.

### QUALIFICATIONS DESIRED

*Education:* BS or MS  
*Experience:* Minimum of 2 yrs of industrial exp required. Will have established & distinguished themselves as highly productive medicinal chemists.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Discovery of novel therapeutic agents.

*Application Instructions:* Send resume to:  
Advanced Medicine, Inc.  
901 Gateway Blvd.  
South San Francisco, CA 94080  
FAX: 650-827-8690  
www.advmedicine.com

## CHEMPLOYMENT ABSTRACTS 3372

*Position Title:* Medicinal Chemists Research Associates

*Job Description:* Contribute to the generation of novel drug candidates as a member of an integrated, multidisciplinary discovery team. Should have significant synthetic skills & be able to work independently in lab.

### QUALIFICATIONS DESIRED

*Education:* MS synthetic org chem; BS with minimum of 1 yr exp in pharmaceutical industry is essential

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Discovery of novel therapeutic agents.

*Application Instructions:* Send resume to:  
Advanced Medicine, Inc.  
901 Gateway Blvd.  
South San Francisco, CA 94080  
FAX: 650-827-8690  
www.advmedicine.com

## CHEMPLOYMENT ABSTRACTS 3373

*Position Title:* Research Associate

*Job Description:* Provide organic synthesis support in our drug discovery effort.

### QUALIFICATIONS DESIRED

*Education:* BS/MS, chem, org chem  
*Experience:* Exp in org chem a must & relevant exp in combi chem a plus. Must be willing to learn new techniques in automated cpd synthesis & purification.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Innovative Biotech/pharm company

*Application Instructions:* Send resume with cover letter & refs to:  
Human Resources  
Attn: Job Code RS-1  
240 East Grand Avenue  
South San Francisco, CA 94080  
FAX: 650-624-1101  
Email: jobs@rigel.com

## CHEMPLOYMENT ABSTRACTS 3374

*Position Title:* Ion Chromatography Specialist

*Job Description:* Perform various sample preparations (chemicals, water & thin films) & analysis using a chemist's knowledge & company developed SOPs. Assist in refinement of procedures & participate in problem solving activities. Operate, maintain & troubleshoot assigned lab instruments. Interpret analytical results & identify complexities & make deductions reflecting variations in sample types.

### QUALIFICATIONS DESIRED

*Education:* BS chem  
*Experience:* Knowledge of semiconductor processing helpful. 2-3 yrs minimum lab exp with Ion Chromatography.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Sunnyvale  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Acknowledged industry leader providing analytical services to semiconductor industry.

*Application Instructions:* Send resume to:  
Balazs Analytical Laboratory  
HR Job Code: SVC-IC80800  
252 Humboldt Court  
Sunnyvale, CA 94089-1315  
FAX: 408-734-2276  
Email: ocampa@balazs.com  
www.balazs.com

## CHEMPLOYMENT ABSTRACTS 3375

*Position Title:* Staff Scientist

*Job Description:* Provide anal support for a variety of in vitro & in vivo expts to evaluate the ADME props of lead discovery cpds. Will assume a key role in design, development & implementation of novel & predictive in vitro assays that are amenable to high thrupt & automation.

### QUALIFICATIONS DESIRED

*Education:* MS (3-5 yrs exp) or PhD (0-2 yrs of relevancy lab exp)  
*Experience:* Exp in chromatog & mass spect is desired & computer skills for data handling & reporting are required. Strong oral & written communication skills. Knowledge in field of anal chem with skills in sepn & detection methods. Interact with external collaborators to acquire or develop new technologies & contribute to export & import of newly developed assays to other labs.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Santa Clara  
*Description of Employer:* Leader in field of combinatorial chem & technology development

*Application Instructions:* Send resume to:  
Affymax Research Institute  
Job Code LTA001  
3410 Central Expressway  
Santa Clara, CA 95051  
FAX: 408-730-1393 Email: ari\_jobs@affymax.com

## CHEMPLOYMENT ABSTRACTS 3376

*Position Title:* Research Assistant

*Job Description:* Conduct expts for development of novel combinatorial libraries. Perform small-scale solid phase org chem reactions; work-up, purify & analyze prods. Write up & prepare reports.

### QUALIFICATIONS DESIRED

*Education:* MS/MS chem  
*Experience:* Practical exp in org chem & modern techniques for purification & analysis (HPLC, TLC, NMR & mass spect) Industrial exp strongly preferred. Good communication & interpersonal skills essential.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Santa Clara  
*Description of Employer:* Leader in field of combinatorial chem & technology development

*Application Instructions:* Send resume to:  
Affymax Research Institute  
Job Code DMA001  
3410 Central Expressway  
Santa Clara, CA 95051  
FAX: 408-730-1393  
Email: ari\_jobs@affymax.com

**CHEMPLOYMENT ABSTRACTS 3377**

*Position Title:* Staff Scientist

*Job Description:* Responsible for designing new solid phase chemistries for combinatorial chem library synthesis & optimization of hits for lead generation.

**QUALIFICATIONS DESIRED**

*Education:* PhD chem with emphasis on synthetic org chem

*Experience:* Postdoctoral exp & knowledge/exp in solid phase methodologies for combinatorial libraries preferred. Excellent communication & interpersonal skills and ability to work on interdisciplinary projects needed.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Santa Clara

*Description of Employer:* Leader in field of combinatorial chem & technology development

Application Instructions: Send resume to:

Affymax Research Institute  
Job Code SUN001  
3410 Central Expressway  
Santa Clara, CA 95051  
FAX: 408-730-1393  
Email: ari\_jobs@affymax.com

**CHEMPLOYMENT ABSTRACTS 3378**

*Position Title:* Staff Scientist

*Job Description:* Development of new solid phase chemistries for use in primary library screening, conceiving, researching & reducing to practice novel solid phase reactions. Responsible for chem prodn of combi libraries of a variety of sizes using manual & semi-automated synthesis based on chemistries that you will have developed or from a variety of other sources. Will use state-of-the-art computer progs to aid in library design & in all aspects of tracking library progress.

**QUALIFICATIONS DESIRED**

*Education:* PhD org chem

*Experience:* Strong synthesis skills & a proven record of research in org chem or medicinal chem preferred. Must be familiar with modern chem drawing & search programs, i.e. ISIS draw/Base, Chemdraw, Scifinder, etc. Exposure to computational approaches to diversity evaluation is desired.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Santa Clara

*Description of Employer:* Leader in field of combi chem & technology development

Application Instructions: Send resume to:

Affymax Research Institute  
Job Code DTU001  
3410 Central Expressway  
Santa Clara, CA 95051  
FAX: 408-730-1393 Email: ari\_jobs@affymax.com

**CHEMPLOYMENT ABSTRACTS 3379**

*Position Title:* Staff Scientist

*Job Description:* Strong background in syn org chem to become a member of a multidisciplinary team involved in a search for novel approaches to drug discovery.

**QUALIFICATIONS DESIRED**

*Education:* PhD Chem

*Experience:* Needs deep understanding of modern synthetic methods & proven ability to synthesize diverse classes of org cpds. Familiarity with parallel synthesis & purification is desired.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Santa Clara

*Description of Employer:* Leader in field of combi chem & technology development

Application Instructions: Send resume to:

Affymax Research Institute  
Job Code VAN003  
3410 Central Expressway  
Santa Clara, CA 95051  
FAX: 408-730-1393  
Email: ari\_jobs@affymax.com

**CHEMPLOYMENT ABSTRACTS 3380**

*Position Title:* Scientist I, Medicinal Chemistry

*Job Description:* Responsible for design & multi-step synthesis of target molecules for identification of novel new drug candidates.

**QUALIFICATIONS DESIRED**

*Education:* PhD org/medicinal chem

*Experience:* Min 2 yrs exp in research environ (post-doctoral research may serve as exp); exp with modern synthetic chem; ability to analyze structure-activity relationships; knowledge of modern spectroscopic & chromatog techniques; excellent organizational, analytical, problem solving & written/verbal communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* South San Francisco

*Salary:* Competitive

Application Instructions: Send resume to:  
COR Therapeutics, Inc.

A. Pandey, Attn: Job #A054-ACS  
256 East Grand Avenue  
South San Francisco, CA 94080  
FAX: 650-244-9287  
email: apandey@corr.com

**CHEMPLOYMENT ABSTRACTS 3381**

*Position Title:* Research Scientist

*Job Description:* Design, execute, analyze & document expts; apply critical analysis to expt results including general statistical analysis & prototype circuitry & mechanical fixtures.

**QUALIFICATIONS DESIRED**

*Education:* BS phys, optics, chem, engrg or related exp

*Experience:* Exp with Matlab or similar analytical language; basic understanding of statistics; PC proficiency with MS Office; excellent problem-solving, organizational & written/verbal communication skills. Optics or chemistry exp a plus.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Scotts Valley

*Salary:* Competitive

Application Instructions: Send resume to:

Amira Medical  
Attn: Job# ACS-0901-RS  
4742 Scotts Valley Drive  
Scotts Valley, CA 95066  
FAX: 831-439-0812  
email: HR@amiramcd.com

**CHEMPLOYMENT ABSTRACTS 3382**

*Position Title:* Analytical Chemist

*Job Description:* Responsibilities include conducting analytical methods development, methods validation & application of analytical methods in support of oral dosage form development

**QUALIFICATIONS DESIRED**

*Education:* BS chem or related field

*Experience:* 1-2 yrs exp in analytical chem supporting pharmaceutical industry. Must be detail oriented & able to follow directions; must be able to work well with others as well as independently; must be able to communicate effectively; must have general lab skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Menlo Park

*Salary:* Competitive

*Description of Employer:* Development of new & proprietary oral drug delivery techniques.

Application Instructions: Send resume to:

DepoMed, Inc.  
Human Resources  
1360 O'Brien Drive  
Menlo Park, CA 94025  
FAX: 650-462-9993  
email: humanresources@depomedinc.com

**CHEMPLOYMENT ABSTRACTS 3383**

*Position Title:* Applications Associate

*Job Description:* Conduct expts using cutting-edge freeze-thaw technology on biopharma-ceutical & chem matrices. Perform sample analysis (HPLC, UV, SDS-Page, refractometer). Analyze raw data & provide verbal & written summations. Maintain lab equipment in good working order. Maintain lab notebook that documents object, design, results & conclusions for lab expts.

**QUALIFICATIONS DESIRED**

*Education:* BS org chem or chem engrg

*Experience:* 2+ yrs industrial (Pharma, biotech, biomed & related) exp in executing bench-scale proof-of-principle expts. Exp with chem or biol freeze-thaw systems a definite plus. Exp with SDS-PAGE, HPLC & equipment maintenance skills favorably viewed.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Benecia

*Salary:* Competitive salary & benefits

*Description of Employer:* Only provider of equipment for precisely controlled freezing & thawing of biotech prods.

Application Instructions: Send resume to:

pkklug@integratedbio.com  
Phone: 707-748-1900 FAX: 707-747-6450  
Integrated Biosystems, Inc.  
536 Stone Rd, Suite H  
Benecia, CA 94510  
Attn: Peg Klug

**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**



**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  
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@acusd.edu

**San Geronio 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

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#### SEPTEMBER 2000 NEWSLETTER TOPICS:

Dr. Darleane Hoffman—The 2001 Moshers' Award Winner  
Decoding the Stradivarius: The Materials, The Sound  
and The Mystique  
September Dinner Meeting  
Chair's Message  
A. Ottenberg Award for 2000  
Volunteers Needed  
Learning Opportunities  
Upcoming Events

#### 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>Sep 12</b>	Bay Area Mass Spectrometry Group (BAMS)
<b>Sep 23</b>	Special SVC Meeting
<b>Oct 19</b>	SVC Dinner Meeting <i>Dr. Geof Dolbear</i>
<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

Shirley B. Radding, Director  
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