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.

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 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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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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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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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). 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/). 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).

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.

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.

Oakland. She have two children and they live in

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 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.
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Parking is free on Saturday on campus. For more information, visit web site at www.csubayward.edu.

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.

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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

continued on next 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.

Violin Related Publications of Dr. Joseph Nagyvary


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 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 Classioppe 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 “Outstanding 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 peters@ipa.aol.com.

Learning Opportunities

San Jose State University Department of Chemical and Materials Engineering can enhance your professional development. 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/.

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.
CHEMPELLOYMENT ABSTRACTS 3353
Position Title: Radiochemistry Research Scientist
Job Description: Plan & execute synthesis of radionuclide-labeled compounds with I131, I125 & other isotopes on micro scale. Prepare research repts of results for presentation. Must maintain safe lab working conditions & comply with EHS radiation safety & CGMP regulations.

QUALIFICATIONS DESIRED
Education: PhD synthetic org chem + 2+ yrs postdoc exp for BS 1 & 4+ yrs postdoc exp for BS II position. Experience: Exp in planning synthetic routes, conducting expts & purifying & identifying prod is required. Background in peptide synthesis is desired. Knowledge of radiochem & safety practices is required. Experience: 3+ yrs exp in radiochem & purification of APIs for use in clinical candidates.

LOCATION, SALARY, MAIL ADDRESS
Location: Palo Alto, CA 94304
Salary: Competitive salary & benefits
Description of Employer: Focused on small molecule drug discovery.
Application Instructions: Send resume to: Roche Biosciences, Job Code 0904-ACS-P.
3401 Hillview Avenue, A2-HR
Palo Alto, CA 94304
FAX: 650-424-8159
www.roche.com/biosciences

CHEMPELLOYMENT ABSTRACTS 3354
Position Title: Protein Chemist(s)
Job Description: Responsible for conducting research on proteins and peptides. Analyze & test new or existing prod to identify properties & characteristics for development or improvement of new or existing prod. Study the relationship between chem & phys properties.

QUALIFICATIONS DESIRED
Education: MS, PhD or equiv
Experience: 3 or more yrs exp with org reactions with peptides, including org synthesis as well as study of protein chem & properties.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose, CA 95134
Salary: Competitive salary & benefits
Description of Employer: ThermoQuest Corporation
Altrn: Caren Scott
Job Code ChemCB
555 River Oaks Parkway
San Jose, CA 95134
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code: ChemCB
555 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3355
Position Title: Process Chemistry, Research Scientist
Job Description: Conduct research to find economical & safe synthetic routes to prod Active Pharmaceutical Ingredients (APIs) & carry out scale-up activities (glassware & pilot plant equipment) to produce batches of APIs for use in clinical candidates. Keeping current with chem lit, make contributions for props for inclusion for other groups, conduct & analyze tech reps.

QUALIFICATIONS DESIRED
Education: PhD org chem or BS-MS with 3-5 yrs exp. Experience: Knowledge of synthetic chem, bench-scale lab skills are required. Pilot plant kit labscale skills, ability to lead a team of synthetic chemists. Knowledge of GMPs & scale-up exp preferred.

LOCATION, SALARY, MAIL ADDRESS
Location: Palo Alto
Salary: Competitive Salary & Benefits
Description of Employer: Described on small molecule drug discovery.
Application Instructions: Send resume to: Roche Biosciences, Job Code 0904-ACS-P.
3401 Hillview Avenue, A2-HR
Palo Alto, CA 94304
FAX: 650-424-8159
www.roche.com/biosciences

CHEMPELLOYMENT 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 compounds & combinatorial libraries. Work independently & as part of multidisciplinary team. Solid knowledge of synthetic org chem & analytical techniques.

QUALIFICATIONS DESIRED
Education: PhD or BS with 1+ yrs relevant industri.
Experience: Multistep org synthesis preferably in a medicinal or combinatorial chem environ. Use of NMR, MS, HPLC & other 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: 650-615-0222

CHEMPELLOYMENT ABSTRACTS 3357
Position Title: Software Engineer
Job Description: Responsible for writing software to control & process data for mass spec & associated devices. Windows 2000 applica-
tion development, communications software, printing & report generation, numerical calc & general algo-
rithm development.

QUALIFICATIONS DESIRED
Education: Background in chem or biol. Experience: Web based skills of JAVA, HTML a plus. Must have exp with C++ language & windows NT.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose
Salary: Competitive salary & benefits
Description of Employer: Described on small molecule drug discovery.
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code: ChemTH
255 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3358
Position Title: Software Applications Engineer (Proteomics)
Job Description: Responsible for designing, defining & implementing 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 equivalent
Experience: 5 yrs exp minimum. Exp with highly parallel, real-time, low level 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
Altrn: Caren Scott
Job Code ChemCB
555 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3359
Position Title: Bioinformaticist
Job Description: Responsible for writing software to control & process data for mass spectrometers & associated devices. Windows 2000 applica-
tion development, communications software, printing & report generation, numerical calc & general algo-
rithm development.

QUALIFICATIONS DESIRED
Education: MS, PhD or equiv
Experience: Minimum 3 yrs exp with HTPLC, Perl, JAVA and or C/C++ programming. Some familiarity with bio sci or analytical measurements a plus.

LOCATION, SALARY, MAIL ADDRESS
Location: South San Francisco
Salary: Competitive salary & benefits
Description of Employer: Chemical Testing Equipment Manufacturer
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code ChemCB
555 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT 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: 5 yrs exp minimum. Exp with highly parallel, real-time, low level 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
Altrn: Caren Scott
Job Code ChemCB
555 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3361
Position Title: Bioinformaticist
Job Description: Responsible for analysis, design, pro-
gramming, debugging & modification of local, network or internet related computer programs for bioinformatic-
ical commercial applications. Write code, complete pro-
gramming & perform testing & debugging of applica-
tions 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 HTPLC, Perl, Java and or C/C++ programming. Familiarity with bio sci & bioinformatics technologies required.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose
Salary: Competitive salary & benefits
Description of Employer: Described on small molecule drug discovery.
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code ChemCB
255 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3362
Position Title: Scientist
Job Description: Responsible for initiation, design, development, execution & implementation of scientific research. Identify & evaluate 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. Coordinate design of subsystems & integration of total system.

QUALIFICATIONS DESIRED
Education: MS, PhD or equiv
Experience: 3 or more yrs exp with modern biological methods including pharmacology and or toxicology expertise.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose
Salary: Competitive salary & benefits
Description of Employer: ThermoQuest Corporation
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code ChemCB
255 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT ABSTRACTS 3363
Position Title: Research Scientist
Job Description: Responsible for initiation, design, development, execution & implementation of scientific research. Identify & evaluate 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 interdepartmental activities & research efforts.

QUALIFICATIONS DESIRED
Education: MS, PhD or equiv
Experience: 3 or more yrs exp with modern biological methods including pharmacology and or toxicology expertise.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose
Salary: Competitive salary & benefits
Description of Employer: ThermoQuest Corporation
Application Instructions: Send resume to: ThermoQuest Corporation
Altrn: Caren Scott
Job Code ChemCB
255 River Oaks Parkway
San Jose, CA 95134

CHEMPELLOYMENT 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 & soft-
ware product evaluation, strategic planning, development & publications of applications notes & tech bull, market assessments, competitor evaluations.

QUALIFICATIONS DESIRED
Education: BS, MS or PhD
Experience: Must have excellent communication & organizational 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
Altrn: Caren Scott
Job Code ChemCB
255 River Oaks Parkway
San Jose, CA 95134
CHEMPLACEMENT ABSTRACTS 3365
Position Title: LC/MS Triple Quadrupole Product Manager
Job Description: Responsible for assessing scientific opportunities within the industries served: management of all marketing aspects of current products including creation & presentation of papers, sales & promotion material using appropriate technical & applications data. Will also generate future product definitions & strategies as we continue to 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
Application Instructions: Send resume to: ThermoQuest Corporation
Attn: Karen Scott
Job Code Chem678-GS
355 River Oaks Parkway
San Jose, CA 95134

CHEMPLACEMENT ABSTRACTS 3366
Position Title: Scientist
Job Description: Responsible for initiation, design, development, execution & involvement of scientific research. 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: BS
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: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3367
Position Title: Software Engineer
Job Description: Responsible for development of advanced software applications for Proteomic and medicinal 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 bio and along with web based skills of JAVA, HTML in plus.

LOCATION, SALARY, MAIL ADDRESS
Location: San Jose
Salary: Competitive salary & benefits
Description of Employer: Chemical Testing Equipment Manufacturer
Application Instructions: Send resume to: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3368
Position Title: Sr. Research Scientist
Job Description: Lead efforts to discover novel biochemical processes for synthesis of investigational & commercial drug substances. Generate ideas based on chem lit, scale up successful approaches in pilot plant & transfer tech to contract manufacturers. Prepare reports & regulatory documents & supervise research chemists.

QUALIFICATIONS DESIRED
Education: PhD synthetic org chem.
Experience: 5-7 yrs in pharmaceutical process chem is required with knowledge of both research & chem manufacturing, A record of scientific publications & outstanding 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: Discoverers, mfg & commercialize proprietary therapeutics.
Application Instructions: Send resume to: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3369
Position Title: Research Scientist/ Sr. Research Scientist
Job Description: Design, execute & analyze results from preformulation, formulation & proc development experiments leading to commercial formulations & mgm proc. Coordinate & lead activities for mgf toxicology, clinical & registration/validation batches, write CSR sections of regulatory dossier.

QUALIFICATIONS DESIRED
Education: PhD pharmac chem, pharmaceutics or exp. Experience: res scientist, 0-5 yrs exp in preformulation/formulation development. Sr. res scientist 5 or more yrs exp in dosage form development, familiarity with exp design/statistics, pharmaceutical analytical chem & strong pharmaceutical experience.

LOCATION, SALARY, MAIL ADDRESS
Location: Foster City
Salary: Competitive salary & benefits
Description of Employer: Discoverers, develops, mfg & commercialize proprietary therapeutics.
Application Instructions: Send resume to: Application Instructions: Send resume to:

CHEMPLACEMENT 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 & manufacturing & 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 of novel therapeutic agents.
Application Instructions: Send resume to: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3371
Position Title: Medicinal Chemistry, Sr Research Associates
Job Description: Design & synthesise novel drug candidates. Become an integral part 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: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3372
Position Title: Medicinal Chemists Research Associates
Job Description: Contribute to the generation of novel drug candidates as a member of an integrated, multi-disciplinary discovery team. Should have significant synthetic skills & be able to work independently in lab.

QUALIFICATIONS DESIRED
Education: BS/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: Application Instructions: Send resume to:

CHEMPLACEMENT 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 comb chem a plus. Must be willing to learn new techniques in automated combinatorial synthesis & purification.

LOCATION, SALARY, MAIL ADDRESS
Location: South San Francisco
Salary: Competitive salary & benefits
Description of Employer: Innovative Biotechnol Pharm company
Application Instructions: Send resume with cover letter & refer to: Application Instructions: Send resume with cover letter & refer to:

CHEMPLACEMENT ABSTRACTS 3374
Position Title: Ion Chromatography Specialist
Job Description: Perform various sample preparations (chemicals, water & filter film) & analysis using a teachable knowledge & capable in 150 or more than 1500 sample per day. Assist in refinement of procedures & participate in problem solving activities. Operate, maintain & troubleshoot assigned lab instruments. Interpret analytical results & identify opportunities & make deductions reflecting variations in sample types.

QUALIFICATIONS DESIRED
Education: BS chem
Experience: Knowledge of semiconducting processing holding & designing a 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: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3375
Position Title: Staff Scientist
Job Description: Provide anal support for a variety of in vitro & in vivo exps to evaluate the ADME props of lead discovery compounds. Will assume a key role in design, development & implementation of novel & predictive in vitro assays that are amenable to high throughput & automation.

QUALIFICATIONS DESIRED
Education: MS (5-5 yrs exp) or PhD (0-2 yrs of rele relevance lab exp)
Experience: Exp in chromatography & 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 qsp & detection methods. Interact with external collaborators to 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: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS 3376
Position Title: Research Assistant
Job Description: Conduct exps for development of novel combinatorial libraries. Perform small-scale semi phase org chem reactions; work up & purify analyte products. Write up & prepare reports.

QUALIFICATIONS DESIRED
Education: MS/MS chem Experience: Practical exp in org chem & modern techs 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: Application Instructions: Send resume to:

CHEMPLACEMENT ABSTRACTS –SEPTEMBER 2000
www.gilead.com
Position Title: Staff Scientist
Job Description: Responsible for designing new solid phase chemistries for combinatorial library synthesis & optimization of lead for lead generation.

QUALIFICATIONS DESIRED
Education: PhD chem with emphasis on synthetic organ 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: VR005
3410 Central Expressway
Santa Clara, CA 95051
FAX: 408-730-1393
Email: ani_jobs@affymax.com

Position Title: Staff Scientist
Job Description: Development of new solid phase chemistries for use in primary library screening, converging, 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 prog 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. Experience with computational approaches to diversification design 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: ani_jobs@affymax.com

Position Title: Research Scientist
Job Description: Design, execute, analyze & document experiments; apply critical analysis to exp results including quantitative & statistical analysis & prototype chemistry & mechanical features.

QUALIFICATIONS DESIRED
Education: BS physics, optics, chem, eng or related exp
Experience: Exp with Matlab or similar analytical languages; 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: Affymax Research Institute
Attn: Jobs ACS-0910-RS
4742 Scotts Valley Drive
Scotts Valley, CA 95066
FAX: 831-439-0102
email: HR@affymax.com

Position Title: Research Scientist
Job Description: Responsibilities include conducting analytical methods development, methods validation & application of analytical methods in support of oral dosage form development.

QUALIFICATIONS DESIRED
Experience: BS chem or related field
Experience: 1-2 yrs exp in analytical chems supporting pharmaceutical industry. Must be detail oriented & be able to follow directions, must be able to work well with others as well as independently, must be able to communicate effectively; must have good 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
1301 O’Brien Drive
Menlo Park, CA 94025
FAX: 650-462-9993
email: humanresources@deponmedinc.com

Applicant Instructions: Send resume to: V. Patel, Attn: ACS
Phone: 707-747-8745
FAX: 707-747-6450
Integrated Biosystems, Inc.
536 Stone Rd, Suite H
Benicia, CA 94510
Attn: Peg Kuhl
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
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2000-02  Lance Wong  650-829-1148

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FUTURE MEETINGS

Sep 12  Bay Area Mass Spectrometry Group (BAMS)
Sep 23  Special SVC Meeting
Oct 19  SVC Dinner Meeting  
         Dr. Geof Dolbear
Nov 5-11  National Chemistry Week
Dec 14-19  Pacifichem International Congress; Honolulu, HI

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

CHEMPLOYMENT ABSTRACTS

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