

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 22 No. 8

2000 Shirley B. Radding Award

Mr. Halley A. Merrell is the 2000 Shirley B. Radding Award winner. He is recognized for his dedicated, unselfish leadership and service to the American Chemical Society at the local, regional and national levels.



Halley Merrell is Secretary and Assistant Director of the American Chemical Society.

Mr. Merrell received his B.S. degree in chemistry in 1957 from Virginia Polytechnic State University and did graduate work at the University of Delaware. He was an engineer with NVF Company, a research chemist with Virginia Chemicals, Inc. and taught chemistry at Old Dominion University in Norfolk, VA.

He joined the ACS staff in 1963 as

a staff writer. From 1967 to 1971 he was assistant to the director of the Office of Chemistry and Public Affairs and Manager of ACS Member Services in 1972. He was Manger of the ACS Office of Local Section Activities from 1973 to 1979.

He was named Assistant Secretary of the Society in 1979 and Assistant to the President in 1987. He served as Director of Membership Division from 1993 to 1998 when he was named Secretary of the Society. Concurrent with these latter posts he was Assistant to the Executive Director from 1992 through 1999.

A resident of Arlington, VA, Mr. Merrell is active in a variety of civic organizations in northern Virginia.



September Local Section Meeting

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 were beneficiaries of fortuitous coincidences with regard to wood procurement and finishing technologies.

In September Dr. Joseph Nagyvary of Texas A&M University will decode the Stradivarius: its materials, sounds and mystique at our local Santa Clara Valley Chemical Society meeting. Saturday afternoon, September 23rd, join your local section colleagues and those from the California section (San Francisco and Berkeley areas) at Cal State Hayward to hear Dr. Nagyvary present his theories on the influence various chemicals used in the 17th century had on the tone qualities of the violin.

We will also have the opportunity to listen to Zina Schiff, a concert violinist, play her personal Stradivarius and compare its tone to a new violin.

This meeting will be interesting and different for several reasons:

- The topic is very different – for Silicon Valley.
- It is the first time in recent memory that the two local ACS sections have joined together for a meeting.
- It will be presented at a new venue, day and time.

So mark your calendars now for September 23rd, watch the web site, www.scvacs.org, and next month's newsletter for the final announcements.

Chair's Message

The results are in for the May survey. I received 67 responses, about half of them from the form at our web site. Thank you to all who responded. I thought I'd share with you some of the responses.

About two-thirds of you do not have problems receiving your newsletters. This is better than I expected, but much worse than it should be. I am hoping that the trouble that some people are having is due to late delivery. In the past couple of months, we have tightened the newsletter publication timeline and we hope we have been able to deliver your newsletter in time for you to plan for that month's dinner meeting. I should point out that we publish a small calendar of

upcoming events on the back of the newsletter. Also, we post the newsletter at the beginning of the month on our web site www.scvacs.org/newsletter.

A little more than half of you are interested in receiving the newsletter by e-mail in addition to the mail version. The Executive Committee has discussed that option for some time now, and we will continue to work on it. There are several issues that need to be worked out. In the meantime, I would like to point out that you can register on the newsletter web page to get an e-mail notice when we update that web page with a new newsletter issue.

The next section asked what
continued on next page

Chair's Message, continued from front page

factors influenced whether you attend a section dinner meeting. Not surprisingly, you overwhelmingly responded that the "program topic" was the most important factor. Next was "conflicting events" and "location," though "event time" was close behind. The "cost of dinner" was the least important, possibly because we have not raised the price of our dinner meeting for several years, despite rising costs. One other factor mentioned was convenience to transportation. I agree we must consider this. However, we have difficulty finding inexpensive restaurants with facilities for our speakers. If you ever need a ride from a bus or train station, let us know: we might be able to arrange for someone to pick you up.

Many respondents were interested in hearing about health and biotech issues at dinner meetings. Environmental issues, history of chemistry, industrial research, and science issues of local interest were also hot topics. Other topics mentioned were food and cooking chemistry, technology forecasting, brewing, combinatorial chemistry, chemoinformatics, chemical

ACS Women Chemist Committee

ACS Women Chemist Committee Summer Social to be held at California Academy of Sciences on August 26, 2000.

For information contact Bobbi Kahn at 510.231.1054 or bobbi.kahn@agna.zeneca.com.

education and teaching, gardening, science art and language, and global warming.

Many of the respondents wanted the meetings to be held on Tuesday, Wednesday, or Thursday. As for meeting locations, there were requests to move the meetings around more to include the South Bay. We will try to accommodate this request. Can anyone recommend a specific restaurant?

Three of the topical groups had more than 10 people who expressed interest: Biotech, Analytical, and Environmental. We will try to coordinate meetings with these and other people who are interested in these topics.

Many people had suggestions for program or initiative ideas. A couple of people requested career help and job networks. Others suggested more visibility, being more proactive and initiation of a dialog on sustainable chemistry. Other suggestions were more concrete: start a Younger Chemist Committee (we're doing this - check out upcoming newsletter issues for more information), add a calendar to the newsletter with volunteer opportunities, visits to local companies, and act as a distribution source for ACS materials. All of these are good suggestions; we will try to act on as many as possible.

Finally, the winners of the drawings for dinners are Ted Mill, Ralph Hoag, Michael Groziak, and Ronald Rinehart. Thank you all again for participating in this survey. This feedback is very helpful to improve our local section.

Ea Warra

UCSC Extension

UCSC Extension, the largest provider of continuing education in Silicon Valley and the Central Coast, is proud to announce Two New Certificate Programs in Bioinformatics and Clinical Trials Design and Management for Career Development and Enhancement.

Bioinformatics (a sample of courses include)

- Introductory Molecular Biology
- Data Modeling, Analysis and Visualization in Bioinformatics
- Experimental Methods in Molecular Biology
- Bioinformatics Tools Databases and Methods
- Gene Expression and Pathways
- Advanced Sequence Analysis in Bioinformatics
- Protein Structure Analysis in Bioinformatics

Clinical Trials Design and Management (a sample of courses include)

- Medical/Clinical Terminology
- The Drug and Device Development Process
- Good Clinical Practices
- Clinical Trails Site Monitoring I
- The Science of Clinical Trails I
- Practical Clinical Statistics
- Case Report Forms Development
- Quality Systems Compliance
- Clinical Project Management
- Clinical Trails Site Monitoring II
- Devices: Regulatory Strategy and Marketing

For additional course offerings, course descriptions or to be added to our mailing list, visit our web site www.ucsc-extension.edu. Or call Tanya Doyle at (408) 566-4551.

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.

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

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/.

Intel International Science & Engineering Fair 2001

San Jose, California • May 6-12, 2001

Preliminary Call for Judges

In May 2001, over 1,200 students representing nearly 50 countries will be in San Jose to compete in the "Olympics of Science Fairs" – the Intel International Science & Engineering Fair (Intel ISEF). These high school students are the top winners of their affiliated regional or national science fairs, and represent the best of the best of science and engineering projects worldwide. The level of projects is unusually advanced for high school students, and typically, nearly 10% of student finalists in Intel ISEF have patents pending on their projects!

We need to locally recruit nearly 1,200 colleagues in 14 subject categories to help judge these outstanding projects. Judges must have either a Ph.D., M.D. or at least 6 years professional experience in the category they wish to judge. If you are qualified and interested to serve as a judge, please send your contact information to the address below. The dates you will be needed are both May 8

and 9, 2001. The application process will begin sometime during the Fall, and you will be notified of updates.

Send your contact information to: Roy K. Okuda, Ph.D., Judging Chair, Intel ISEF, Department of Chemistry, San Jose State University, San Jose, CA 95192-0101, Phone: 408-924-2525, e-mail: okuda@sjsu.edu

Additional information may be seen on the Intel ISEF 2001 web site: www.intelisef2001.org (see link for "judges")



Visit the Legislative Affairs Booth at the National Meeting

Please stop by booth 657 in the exhibit area to meet Office of Legislative and Government Affairs staff and learn about government relations programs and activities at the ACS National Meeting in Washington, DC, August 20-24. You will also be able to use the web-based Legislative Action Center to learn about pending legislation that affects chemists and chemical engineers and to write an electronic letter to your member of Congress.

CAS Covers Preprints on the Web

CAS is now abstracting and indexing preprints, a new class of research report distributed on the Web ahead of or in place of formal publication. CA and the associated CAS databases have begun to include records for preprints beginning with those posted in the year 2000. As they do for journals, CAS document analysts now summarize the content of preprints and provide detailed indexing to lead researchers to relevant studies. Several thousand preprints in the chemical, biological/medical, materials science and environmental sciences are expected to be added to CAS databases during 2000.

For more information about CAS products and services, visit the CAS Web site at www.cas.org.



THE 2000 ACS MEMBERSHIP CERTIFICATE Free to All Members

Let the world know that you belong to the premier society for chemists, chemical engineers, and allied professionals. Order your 2000 ACS Membership Certificate today!

Each personalized certificate is signed by the President and Executive Director of ACS, and is suitable for framing and display in your office, laboratory, or at home. To request yours online, go to www.acs.org/membership/certificate.html. Or complete and submit the following information via fax to 202/872-6337.

Name: _____
as you wish it to appear on your certificate

Membership No.: _____

Address (for shipping): _____

City, State, Zip: _____

Phone Number: _____

Upon confirmation of your paid membership, please allow 4 to 6 weeks for delivery.

SALUTES TO EXCELLENCE Recognize Achievement in Chemistry in Your Community!

The Salutes to Excellence, a program of the ACS Office of Community Activities, offers your local section a chance to honor people, places, and products of chemistry that have made an impact in your area. This is YOUR program and it offers you a special way of saying "thank you" from ACS to local industries, colleges and universities, and individuals for contributing to the profession.

By bringing this program to your section, you have the opportunity to build awareness of the importance and relevance of chemistry in your community; engage every aspect of the chemical community – industry, academia, government; attract new

members and new volunteers; provide media opportunity for ACS sponsors and honorees.

It's simple to participate:

- Choose a person, place, or product to honor. You may choose any achievement that you wish but the special focus through 2001 is Chemical Engineering. Contact the Office of Community Activities to share your plans. Plan your celebration that will include the presentation of a plaque furnished by ACS!
- Contact the Office of Community Activities now for more information. Call 1-800-227-5558 ext. 6078 or e-mail oca@acs.org.

Contact Congress Week February 17-23, 2001

The Office of Legislative and Government Affairs will sponsor its annual "Contact Congress Week" in February 2001. OLGA encourages all local sections to invite a state or federal legislator to speak as part of the program at a local section meeting during the President's Day recess, February 17th to 23rd. Inviting a legislator to a meeting will provide an exceptional opportunity for your local section members to learn about the positions of your elected officials on research, science education, and environmental issues. It is also an important opportunity to educate legislators on the issues that face ACS members and to build relationships with those who represent you. No cost is associated with the presentation. The Office of Legislative and Government Affairs will assist you in selecting and contacting the proper legislator, drafting an invitation letter, and promoting the event. If you already have your February 2001 program planned we can work with you to find an alternative time. Please contact Ethan Castelo at (202) 452-8917 or e_castelo@acs.org to involve your local section in the 2001 Contact Congress Week.



Other Events

Bay Area Mass Spectrometry Group (BAMS) will be holding its corporate night on September 19, 2000. Come learn all about the latest in mass spectrometry. See www.bams.org for further details. Sign up for our mailing list.

Golden Gate Polymer Forum

Date: Thursday, August 17, 2000

Dinner Lecture: "Soft Matter Under Osmotic Stress"

by Prof. Helmut H. Strey, University of Massachusetts

For further information see www.ggpf.org.

Want to Pursue a Master's Degree? Enhance Your Professional Development?

San Jose State University Chemistry Department welcomes working students into its Master's program and times its graduate courses to be in the late afternoon or evening. Take courses through Open University (show up in class the first day) or enroll as a student in the graduate program. Those with undergraduate degrees, or with some undergraduate training in chemistry or a related field may be eligible to take these courses (check with the instructor). For further information call the department office at 924-5000 or the instructor directly or visit our web site at: www.sjsu.edu/depts/chemistry/.

Courses for Fall 2000 (Starting August 28th)

Chem 210	Advanced Organic Chemistry	Prof. Steven Branz 408-924-4999	Tues., Thurs. 6:00-7:15 PM
Chem 264	Chemical Applications of Group Theory	Prof. Brudley Stone 408-924-4938	Mon., Wed. 7:30-8:45 PM

Courses for Spring 2001 (Starting January 24th, Days and times will be announced in October.)

Chem 245	Advanced Inorganic	Prof. Paul Wagenknecht (408) 924-5008	
Chem 250	Current Topics in Analytical Chemistry	Prof. Roger Terrill (408) 924-4969	
Chem 270	Eukaryotic Gene Expression	Prof. Elaine Collins (408) 924-4969	

Those applicants with 2 years or more bench laboratory experience may qualify for our MA program, a degree that does not have a bench research requirement.

CHEMPLOYMENT ABSTRACTS AUGUST 2000

CHEMPLOYMENT ABSTRACTS 3327

Position Title: Research Associate, Synthetic Chemistry

Job Description: Perform synthesis, isolation & characterization of new chem entities such as metallotetrapyrins & various other porphyrins-like macrocyclic drug candidates for the detection & destruction of cancer, cardiovascular disease & other biomed applications as well as current lead candidates. Familiar with modern spectroscopic tech, purification (prep HPLC, SiO₂, ion-exchange chromatog.)

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Competitive salary & benefits

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

CHEMPLOYMENT ABSTRACTS 3328

Position Title: Research Assistant/Associate

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive salary & benefits

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

CHEMPLOYMENT ABSTRACTS 3329

Position Title: Account Manager, Job Code #0034

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3330

Position Title: Field Application Scientist, Job Code #0041

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3331

Position Title: Scientist/Sr. Scientist - Process Chemistry

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3332

Position Title: Research associate/Sr Research Associate

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3333

Position Title: Scientist I/II Process Development

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3334

Position Title: Scientist IV, Process Development

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3335

Position Title: Senior Scientist, Process development

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara

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

CHEMPLOYMENT ABSTRACTS 3336

Position Title: Research Analyst

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Competitive salary & benefits
Description of Employer: SRI Consulting is a subsidiary of SRI Intl.

Application Instructions: Send resume to: Carolyn Read, DCP Program Manager SRI Consulting
333 Ravenswood Avenue
Menlo Park, CA 94025
E-mail: cread@src.sri.com
FAX: 650-859-4623

CHEMPLOYMENT ABSTRACTS 3337

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

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS 3338

Position Title: Senior Biophysical Scientist Job #06-2

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

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

CHEMPLOYMENT ABSTRACTS – AUGUST 2000

CHEMPLOYMENT ABSTRACTS 3339

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

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

Application Instructions: Send resume/CV to:
Covalent Partners
LLC Human Resources Dept.
Reference Job# 06-3
330 Beach Road
Burlingame, CA 94010
FAX: 650-227-7701
E-mail: resume@covalent.to

CHEMPLOYMENT ABSTRACTS 3340

Position Title: Senior Polymer Chemist Job#06-4

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

Application Instructions: Send resume/CV to:
Covalent Partners
LLC Human Resources Dept.
Reference Job# 06-4
330 Beach Road
Burlingame, CA 94010
FAX: 650-227-7701
E-mail: resume@covalent.to

CHEMPLOYMENT ABSTRACTS 3341

Position Title: Organic Chemist Job #06-5

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

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

Application Instructions: Send resume/CV to:
Covalent Partners
LLC Human Resources Dept.
Reference Job# 06-5
330 Beach Road
Burlingame, CA 94010
FAX: 650-227-7701
E-mail: resume@covalent.to

CHEMPLOYMENT ABSTRACTS 3342

Position Title: Research Chemists

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Application Instructions: Send resume to:
Gilead Sciences
Job Code SVC2000, Human Resources
333 Lakeside Drive Foster City, CA 94044
E-mail: careers-fostercity@gilead.com
FAX: 650-522-5800

CHEMPLOYMENT ABSTRACTS 3343

Position Title: Research Associate, Chemistry

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Attractive compensation & benefits package
Description of Employer: Development of small molecule drugs using renowned drug discovery techniques

Application Instructions: Send resume & cover letter to:
Sugen, Inc.
HR Dept, Attn: Job Code JW-ACS
230 East Grand Avenue
South San Francisco, CA 94080
FAX: 650-553-8301
E-mail: jobs@sugen.com
(NO ATTACHMENTS, PLEASE)

CHEMPLOYMENT ABSTRACTS 3344

Position Title: Research Associate, Combinatorial Chemistry

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

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Attractive compensation & benefits package
Description of Employer: Development of small molecule drugs using renowned drug discovery techniques

Application Instructions: Send resume & cover letter to:
Sugen, Inc.
HR Dept, Attn: Job Code JW-ACS
230 East Grand Avenue
South San Francisco, CA 94080
FAX: 650-553-8301
E-mail: jobs@sugen.com
(NO ATTACHMENTS PLEASE)

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
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

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 matls 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
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 matls, 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 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

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@setrensmlab.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@setrensmlab.com or 510-208-0312

CHEMPLOYMENT ABSTRACTS 3353

Position Title: Radiochemistry Research Scientist

Job Description: Plan & execute synthesis of radiolabeled cpds with 3H, 14C & stable isotopes on micro scale. Prepare research repts of results 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 I & 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

**EMPLOYMENT HELP
IN OTHER AREAS
OF CALIFORNIA**

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

California Section

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

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 Gorgonio Section

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

Southern California Section

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

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 throughout 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: jflygare@gen.com (Place Job Code 2344-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.gen.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.

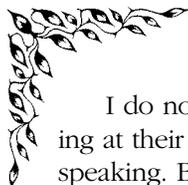
QUALIFICATIONS DESIRED

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



Just a Thought...

I do not object to people looking at their watches when I am speaking. But I strongly object when they start shaking them to make certain that they are still going.

Lord Birkett
(1883-1962)



To reach the port of success we must sail, sometimes with the wind and sometimes against it-but we must sail, not drift or lie at anchor.

Oliver Wendell Holmes
(1809-1894)

Data has no natural predator. It will, therefore, continue to expand and multiply until we are overwhelmed by it.

Sheldon Laube
(Still going strong)



Bumper sticker: Conceive. Believe. Achieve.



Most smiles are started by other smiles.





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

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AUGUST 2000 NEWSLETTER TOPICS:

2000 Shirley B. Radding Award
September Local Section Meeting
Chair's Message
UCSC Extension
ACS Women Chemist Committee
Volunteers Needed
Learning Opportunities
Intel International Science & Engineering Fair 2001
CAS Covers Preprints on the Web
Visit the Legislative Affairs Booth at the National Meeting
The 2000 ACS Membership Certificate Free to All Members
Salutes to Excellence Recognize Achievements in
Chemistry in your Community!
Contact Congress Week February 17-23, 2001
Want to Pursue a Master's Degree? Enhance Your
Professional Development?
Other Events
Just a Thought...

CHEMPLOYMENT ABSTRACTS

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
Web site: www.sisweb.com

FUTURE MEETINGS

Aug 20-24	National ACS Meeting Washington, DC
Aug 26	Women Chemist Committee Summer Social
Sep 12	Bay Area Mass Spectrometry Group (BAMS)
Sep 23	Special SVC Meeting
Nov 5-11	National Chemistry Week
Dec 14-19	Pacificchem International Congress; Honolulu, HI

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

CHEMPLOYMENT ABSTRACTS

Shirley B. Radding, Director
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