

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 23 No. 11

Career Assistance and Transition Workshop

Linda Wraxall, Employment Committee Chair
Marinda Li Wu, Local Section Career Program Coordinator

The California Section Employment Committee, in conjunction with National ACS Career Services and St. Mary's College Chemistry Department, will hold a half-day career assistance workshop on Saturday, November 17 from 11 am to 3 pm in Dryden Hall, St. Mary's College, Moraga. Dryden Hall is west of the chapel, between Oliver Hall and the Students Union. Directions will be provided at the guard gate.

In the morning, Dorothy Rodmann, a well-known career consultant and speaker for National ACS, will present "An Overview of the Career Transition Process". There will be a panel discussion on transition experiences after lunch, followed by a half-hour presentation by Ms. Rodmann on "Putting Together an Effective Resume for Career Transitions." There will, of course, be time for questions and help with resume reviews.

The only cost to participants is \$10 (half price for students and unem-

ployed ACS members) for the gourmet box lunch. There is a choice of three sandwiches: Curry Chicken Salad on whole wheat, Grilled Portabella on foccacia, and California-Style Club on croissant. Dessert and hot or cold beverage are included.

For reservations and choice of

sandwich, please call the California Section office at 925-287-8055 or e-mail office@calacs.org by **November 8**.

Lunch will be at noon either outside at nearby picnic tables or indoors depending on the weather. The California Section looks forward to the opportunity to provide ACS members who are in the job market with the tools and skills that they need to change careers and get a better job!



Chair's Message

The safety of American citizens at home and abroad has been on everyone's mind since the September 11th terrorist attacks in New York, Washington, and Pennsylvania. It seems that every person directly or indirectly knows someone who was involved; they were unimaginable atrocities in a time of peace. It is difficult for those of us on the West Coast to feel that we can adequately help with the disaster relief. Yet, I urge you to donate to reputable charities like the Red Cross, pray for everyone's safety and world peace, and show that you are proud to be an American! I was not going to mention the terrorist attacks and their aftermath, but the previous three editorials in the C&EN and the venerable scientific publications Nature and Scientific American have set the tone with somber editorials and articles. Scientists feel both grief due to the attacks and pride for their country!

This month's message is a difficult one to write, not only because of the international events, but also because of the timing of the newsletter. From mid-October to mid-November several local section activities took place as

this newsletter was published and distributed. The ebullient talk on beer and the artistic talk on art conservation will have occurred. The Western Region had their regional meeting in Santa Barbara and the California section celebrated their 100th anniversary the last weekend in October! National Chemistry Week demonstrations of Kids in Chemistry and the always widely successful local teachers training by Juanita Ryan happened the week of November 7th! So watch for a pictorial newsletter in December!

If you are a 'meeting junkie' and need a fix before our January dinner meeting, check out chemistry.org's new Meeting Locator at

<http://center.acs.org/applications/meetinglocator/home.cfm>. This web site can keep you informed of meetings in our society and other scientific societies. A smaller and local meeting of more interest is our executive committee meeting, usually held the second Thursday of each month. This is really the place to get the early scoop on activities within our area. Come and meet your officers and learn how you can help the local

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The Silicon Valley Chemist is the ACS Santa Clara Valley local section newsletter which is published monthly.

The submission deadline for each issue is the **10th** of the month preceding publication.

Contact Laura Rasay at 650-859-4782 or laura.rasay@sri.com for more information.

Chair's Message, continued from front page
section meet the needs of the valley's chemists. If you would like to attend, contact me at speters@parc.xerox.com or 650-812-4994 for the date, location, and time.

For my brief stroll down memory lane I read, with newly developed interest, a brief item in the November, 1951, *Vortex*. It seems that one chemist, Bob Levine, was finally made grandfather! Well, that gave me the opening I needed to mention my new granddaughter! Her proud grandfather, Howard, known in our section for his chocolate addiction, did some calculating of the past and predicting her future to arrive at some interesting statistics. Her paternal grandfather has 43 years of ACS membership as a biochemist, her maternal grandfather has 38 years of membership as an organic chemist/patent attorney, and her maternal grandmother has 20 years of membership as an information specialist! With 101 years of membership (not counting her father's) in the world's largest scientific society, we wonder what she will be when she grows up!



The four grandparents and their beautiful granddaughter, Kayleigh.

Remember to vote in the ACS elections by November 15th!

Sally Peters



Gearing Up for National Chemistry Week

November 4-10, 2001

Thousands of chemists, teachers, students, and other volunteers will join forces to celebrate National Chemistry Week 2001. Participants are gearing up and planning events to carry out the theme—Celebrating Chemistry and Art. Events will include chemical demonstrations and hands-on activities; lectures and public displays; and contests and games. Your support can play an important role in helping the public better understand what chemistry is and how it relates to everything that is around us. For NCW products and more information, visit the NCW website and ACS Online Store at www.chemistry.org/ncw; write Office of Community Activities, American Chemical Society, 1155 Sixteenth Street, NW, Washington, DC 20036 or telephone 1-800-227-5558, ext. 6097. Plan to participate, celebrate, and educate! Below are activities you can do with your children or at your local school. For more activities, go to www.chemistry.org/ncw and click on the link to Activities and Articles on the left.

Marker Butterflies

Some artists use the way paint moves on a surface to produce interesting shapes and designs. Many artists paint on canvas, a type of fabric that is very absorbent. Before painting on canvas, most artists treat it so it does not absorb as much liquid. The artist Helen Frankenthaler did not prepare her canvas in this way. Frankenthaler used the absorbent property of canvas to create interesting shapes and patterns. To make a painting, she would tack a canvas onto the floor and pour the paint directly onto the surface. She would let the way the paint moved over the canvas help decide what the picture would be. In this activity, painting with water over marker designs on coffee filters will produce different shapes and beautiful works of art.

Materials

- 2 circular white coffee filters
- 1 pipe cleaner
- Water-based markers (various colors)
- Scrap paper (do not use newspaper)
- Paintbrush
- Paper towel
- Cup of rinse water

Procedure

1. Place the coffee filters on top of a piece of scrap paper. Use several different color markers to create a design or pattern on each coffee filter. Please note that this design will be changed when the directions in Step 3 are carried out.
2. Place both coffee filters on another piece of scrap paper.

3. Dip the paintbrush in the water and paint over the designs with the wet brush. Be certain to rinse the brush in the water several times while you are painting with the water. Watch how the designs change.
4. Fold the pipe cleaner in half. Hold the pipe cleaner about 2 cm from the fold and twist two times. This will leave a small loop.
5. Scrunch one of the coffee filters along an imaginary line down the middle of the filter to produce one set of the butterfly's wings.
6. Place this filter inside the open ends of the pipe cleaner, centering it close to the twisted end.
7. Repeat Step 5 with the other coffee filter. This is the second set of the butterfly's wings. Place it above the first filter, inside the open ends of the pipe cleaner.
8. Twist the two pieces of the pipe cleaner together about 4 cm from the open end of the pipe cleaner. This will hold the two filters in place.
9. Turn down the ends of the pipe cleaner to look like antennae.
10. Thoroughly clean the work area and wash your hands.

Drying hint:

Place the folded end of the pipe cleaner in the end of a straw. Balance the straw in a glass or jar. More than one butterfly can be dried in the same jar this way. The coffee filters can be

dried on a paper towel before scrunching them and putting them in the pipe cleaner.

Where's the Chemistry?

The filter is made of a special type of paper that absorbs water easily. Paper towels are made of a similar type of paper. The colors in the mark-

ers dissolve, or are soluble in, water. When the water is painted onto the coffee filter, the colors dissolve in the water. As the paper filter absorbs the water, the dissolved colors move with the water and create the resulting color patterns.



Stained Glass Glue

Colored translucent material such as colored glass has been used for centuries to make beautiful stained glass artwork. Glass makers use different chemicals in various combinations to produce the many different colors of glass for stained glass artwork. The combination of the design, the colors, and the effect of the light passing through the translucent material can create wonderful works of art. This activity uses glue instead of glass to create a work of art that you can hang in your window.

Materials

- White, clear-drying glue
- Food coloring
- Water
- Craft stick
- Small plastic circular lid or styrofoam bowl
- 2 small plastic cups
- Liquid dish detergent
- Toothpicks
- Measuring spoons

Procedure

1. Place a small amount of liquid dish detergent in one small cup.
2. Place about 1 teaspoon of the glue in the other small plastic cup. Add about 1/4 teaspoon of water. Mix with the craft stick.
3. Pour the glue and water mixture into the lid or small styrofoam bowl. Tilt the lid or bowl until the glue solution completely covers the bottom surface.
4. Place one drop of food coloring on the glue solution.
5. Repeat Step 4 two times, using a different color each time. Be certain to place the three drops in three different locations on the glue.
6. Dip the end of the toothpick into the detergent to obtain a small

amount on the end of the toothpick.

7. Very quickly touch the center of each food coloring drop with the detergent on the end of the toothpick. Do not stir.
8. Observe the changes.
9. Thoroughly clean the work area and wash your hands.
10. Allow the glue to dry overnight. Remove the dried glue from the container. Hold your "stained glass" up to the light and enjoy!

Where's the Chemistry?

Food coloring is made from water and color molecules called pigments. The white glue also has water in it plus a chemical called polyvinyl acetate that is made of much longer and more flexible molecules than water is made of. The water molecules and the polyvinyl acetate molecules mix so much that the long flexible molecules of polyvinyl acetate move around like strands of spaghetti in a pot of boiling water. When the food coloring drops are added to the glue and water mixture, they can't spread out much because they are blocked by the combination of water and polyvinyl acetate molecules. When the detergent is added, the detergent molecules grab onto the pigment molecules and drag them along and the color spreads over the surface of the glue.



Newsletter Forum

The SCV local section would like to start a forum for our members to express their thoughts on various topics related to chemistry. You can either send letters concerning issues that you think are important or you can address the monthly topic. Letters may be edited and published based on space available. We reserve the right to not publish a letter based on space or content. All letters must be signed with sender contact information and received by the 10th of the month to be published in the next newsletter. Email your contributions to forum@scvacs.org.

This month's topic is: How will chemistry and chemists contribute to the fight against terrorism?

ACS Volunteers Urgently Needed

On Saturday, January 5, 2002 the George Washington Carver (GWC) Recognition Day will be held at the Santa Clara Convention Center. There are two opportunities to volunteer in the GWC program!

The first opportunity will need about 25 judges for science projects of 6-12 grade students. No prior experience is needed and instructions will be provided on-site. Secondly, we need about 15 ACS members to organize a Carver Kidvention for about 100 3 - 6 grade students. The Kidvention is organized, arranged, and held all on Saturday. This is an excellent on-the-job training opportunity! Both opportunities have a time commitment from 7 am to 1 pm; lunch will be provided!

For further information, please contact: Dr. Howard M. Peters
650-324-1677 Ext. 20
peters4pa@aol.com

Strategic Planning Committee

The Santa Clara Valley Section Executive Committee has created a new committee, the Strategic Planning Committee, to set the long range vision, goals, and strategies of the section. This committee will meet in the coming months to discuss the future direction of local section. If you are interested in contributing to this committee, contact Ean Warren (ewarren@scvacs.org).

Calling All Chemist Mentors!

- Do you have a project coming up which your current staff doesn't have the time or expertise to complete?
- Would you like to make an impact on high school and community college chemistry students in the Bay Area?
- Would you like to have the services of a seasoned, enthusiastic, professional who brings excellent technical and organizational skills along with new perspectives to a summer project?

The IISME Summer Fellowship Program can help you. Industry Initiatives for Science and Math Education (IISME) places over 100 local math, science, and computer

teachers in 8-week fellowships each summer. Teachers use this experience to improve and update their instruction and inspire more students to become technologically and scientifically literate.

IISME provides a cost effective way to complete short-term projects. IISME teachers bring:

- Strong communication & technical skills
- New & different perspectives
- Enthusiasm & professional maturity

IISME also gives employers an opportunity to reach their future workforce, be recognized in the community and help employees make

connections to schools.

Each year, about 80% of all industry mentors report that the summer job performance of their IISME teachers exceeded their expectations. Over 90% say they would consider mentoring again.

The cost for each fellowship position is \$9,600 or \$10,400 depending on whether your organization or IISME is the employer of record. Once you have identified a summer project, you can screen, interview and select the teacher whose background fits your needs. IISME teachers can contribute to virtually any department within their sponsor companies.

For more information, please contact Kaye Storm at kstorm@iisme.org or (650) 326-4860.

Editor's Corner

Running through the redwoods in the Santa Cruz mountains in August was simply amazing! It was my first race and quite a rigorous one - half trail, half pavement, and a tremendous incline at mile 3. Though we started out at the same time, Ean and my friends seemed more comfortable at a faster pace; I didn't see them again until I finished just under one hour later. The most memorable aspect of the race was to see so many people running non-stop during the last mile as we ran through a meadow. It was truly an inspirational feeling to be a part of something that many people were motivated to do! It sure caught the human spirit especially in such a beautiful and majestic place.

Another place of obscene beauty



Laura capturing the beauty of Yosemite on camera September 9th. Picture by Peter Jarvis.



Ean (second from left), Laura (third from left), and Laura's friends after completing the 10K Race Thru The Redwoods in Felton on August 19th. Picture by Peter Jarvis.

would be Yosemite. It was my first visit since I was about four or five; I don't think that I was able to appreciate its greatness when I was younger. Even though it seemed big when I was younger, it's STILL very big.

Tragically when I returned to work the following Tuesday after Yosemite, the unthinkable happened and we are still living with it today.

The recent events in our nation and around the world have proved to us that we are living in a reality that is unforeseeable but always has been present. As much as we need to acknowledge and cope with these events, I find it is important to remember that we are also living in a world of majestic beauty. The world is filled with paradoxes and this is one of them.

This glorious beauty that I saw is something that no man can destroy from my memory.

Laura Rasay



The SCV Runners Will Strike Again!

Come join the gang and run in the Run to the Far Side XVII on Sunday, November 25, a benefit for the California Academy of Sciences. For more information, visit:

www.calacademy.org/events/farside/2001/
and www.rbodyco.com

If you want to join us, contact: Ean Warren
(650) 329-4554
ewarren@scvacs.org

CHEMEMPLOYMENT ABSTRACTS — NOVEMBER 2001

CHEMEMPLOYMENT ABSTRACTS 3548

Position Title: Analytical Chemistry Supervisor

Job Description: Supervision of proj with firm schedules deadlines & specific quality criteria. Long-term, multiyear proj to produce, test, & package anal proficiency test samples for occupational exposure monitoring, including org solvents, metals, cryst, SiO₂, & asbestos fibers. Management & training of 4 staff, verbal & written communications with proj team & client staff answering inquiries, resolve issues & develop new programs.

QUALIFICATIONS DESIRED

Education: Ms chem or related field; Certification in chem practice by Am Board of Ind Hygiene desirable.
Experience: Anal expertise in gas chromatog, FTIR, ICP/AA, phase contrast microscopy. Previous exp in ind hygiene analyses & aerosol generation methods a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Competitive salary & benefits
Description of Employer: An independent R&D org

Application Instructions: Send resume to: Employment & Diversity Specialist
SRI International, EL356
333 Ravenswood Avenue
Menlo Park, CA 94025
Email: victoria.bautista@sri.com
FAX: 650-859-4222

CHEMEMPLOYMENT ABSTRACTS 3549

Position Title: Analytical Chemist

Job Description: Pesticide residue analysis

QUALIFICATIONS DESIRED

Education: BS/MS chemistry
Experience: Minimum 3 yrs analytical Lab exp. Exp with GC/HPLC/Other. Demonstrated discipline with record keeping & reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas)
Salary: Competitive salary & benefits
Description of Employer: Analytical lab doing pesticide & microbiological residue analysis.

Application Instructions: Send resume and salary requirements to:
Saji George
Analytical Biochem, Inc.
P.O. Box 6278
Salinas, CA 93912
FAX: 831-758-2625
Email: sgeorge@trece.com

CHEMEMPLOYMENT ABSTRACTS 2550

Position Title: Laboratory Technician

Job Description: Pesticide residue analysis & microbiological testing

QUALIFICATIONS DESIRED

Education: BS
Experience: Microbiology and/or chemistry background. Basic lab skills. Exp with GC/HPLC desirable. Demonstrated discipline with record keeping & reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas)
Salary: Competitive salary & benefits
Description of Employer: Analytical lab doing microbiological & pesticide residue analysis.

Application Instructions: Send resume & salary requirements to:
Saji George
Analytical Biochem Inc.
P.O. Box 6278
Salinas, CA 93912
FAX: 831-758-2625
Email: sgeorge@trece.com

CHEMEMPLOYMENT ABSTRACTS 2551

Position Title: Project Engineer

Job Description: Develop & test products for combustion & fuel reforming for fuel cell applications with process & design calculations.

QUALIFICATIONS DESIRED

Education: BS, MS, or PhD in Chem Engrg
Experience: 5 yrs exp after BS in research & product development related to fuel, combustion, fuel reforming for fuel cell, catalytic development or petroleum refining.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Salary: Competitive salary & benefits
Description of Employer: Growing, innovative energy & environmental company

Application Instructions: Send resume to:
Altex Technologies Corp.
650 Nuttman Road, Suite 114
Santa Clara, CA 95054
FAX: 408-980-8611
Email: jobs@altextech.com
(include resume in body of email as well as attached)

CHEMEMPLOYMENT ABSTRACTS 3552

Position Title: Project Technical Leader Job #628

Job Description: Develop tech concepts, models & define tasks for members of tech team & supervise execution of tasks in areas of catalyst development, catalytic process development & device development. Also work with Business Development Leader & VP of R&D to develop tech targets, task plan & schedule for program.

QUALIFICATIONS DESIRED

Education: PhD chem engrg of phys chem or equiv com of education & exp.
Experience: 5+ (10+ preferred) yrs in related process development & catalysis. Exp in catalyst dev & catalytic proc development. Established track record in leading a tech team. Strong leadership skills required.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Description of Employer: New startup in field of new energy technology

Application Instructions: Send resume to:
HR Department
Catalytica Energy Systems, Inc
430 Ferguson Drive
Mountain View, CA 94043-5272
FAX: 650-968-7129
www.CatalyticaEnergy.com

CHEMEMPLOYMENT ABSTRACTS 3553

Position Title: Scientist, Job #01-51R

Job Description: Responsible for designing & running stability tests for various raw mats used in pharmaceutical packaging mats. Duties include developing & documenting protocols & SOPs for physical testing of polymers, calibration of instruments, acquisitions, analysis & presentation of data.

QUALIFICATIONS DESIRED

Education: MS mats Sci, Chem or equiv; or a grad degree with at least 3 yrs exp in pharmaceutical ind or in polymer testing facility is desired.
Experience: Familiarity with polymer testing equipment such as instron, DSC, etc is desired. Must be familiar with concepts of DOE, calibration, as well as documentation & report writing. Must have good communication skills & ability to work in team environment.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: 45k-70k
Description of Employer: Visit www.aradigm.com

Application Instructions: Send resume to:
Email: barticec@aradigm.com
FAX: 510-265-0277

CHEMEMPLOYMENT ABSTRACTS 3554

Position Title: Associate Scientist/Scientist Job #AS01-45R

Job Description: Support testing & release of aerosol devices by HPLC & other physical qualitative & quantitative analytical test methods. Will jointly share responsibility for day to day scheduling of lab activities in device testing lab & supervise 2 junior analysts as appropriate.

QUALIFICATIONS DESIRED

Education: BS/BA chem/biol & specialized course work in relevant scientific discipline & 4 + yrs of related exp, or MS or equiv & 2+ exp
Experience: Knowledge of HPLC, USP/NF analytical methods & cGMP practices, possess tech skills sufficient to safely & efficiently conduct expts & guide & support staff. Report data in clear & accurate manner. prepare written reports & know regulatory requirements for raw mats, CMC & stability activities. Excellent written & oral communication skills required

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: 45k-65k
Description of Employer: Visit www.aradigm.com

Application Instructions: Send resume to:
Email: barticec@aradigm.com
FAX: 510-265-0277

CHEMEMPLOYMENT ABSTRACTS 3555

Position Title: Senior Scientist Job #SC01-50R

Job Description: Responsible for developing QA/QC tests for polymeric mats. Also develop & document protocols & SOPs to correlate mat properties with prod performance, set up in-house test facilities, identify external test facilities, work with other scientists & engineers to trouble shoot on mat issues. May require occasional presentation of mats & consultation with management for qualifying mat suppliers.

QUALIFICATIONS DESIRED

Education: PhD polymers/mat sci or equiv or graduate degree with at least 7 yrs exp in pharmaceutical ind or in a polymer testing facility is desired.
Experience: Knowledge of polymer characterization methods such as spec, DSC, etc & correlation of polymer props to its functional performance is required. Some exp in proj management or leading teams for prob solving is preferred. Must have excellent communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Negotiable
Description of Employer: Visit www.aradigm.com

Application Instructions: Send resume to:
Email: barticec@aradigm.com
FAX: 510-265-0277

CHEMEMPLOYMENT ABSTRACTS 3556

Position Title: Associate Scientist Job #AS01-52R

Job Description: The primary role is to work on supporting insulin prod development activities on dosage form & devices. Also support validation of analytical methods under the direction of senior analytical personnel. Will work closely with other members of Pharmaceutical Sciences & with other departments.

QUALIFICATIONS DESIRED

Education: BA/BS chem, biol sci, or related field
Experience: A min of 1-2 yrs exp in pharmaceutical industry. HPLC exp working in GMP environment is desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Negotiable
Description of Employer: Visit www.aradigm.com

Application Instructions: Send resume to:
Email: barticec@aradigm.com
FAX: 510-265-0277

CHEMEMPLOYMENT ABSTRACTS 3557

Position Title: Research Associate Medicinal Chemistry

Job Description: Responsible for synthesis & purifn of novel drug candidates, also including synthetic, medicinal & combinatorial chem knowledge to discovery of new drug candidates, design & synthesis of org cpds & combinatorial libraries. Good lab practices including good safety practices, maintenance & use of equipment & facilities, lab notebook recording & stocking of general chem & lab supplies. Will communicate with all research groups within GeneSoft in both general scientific discussions as well as presentation of results.

QUALIFICATIONS DESIRED

Education: BS/MS chem
Experience: 1-2 yrs practical exp in org synthesis, preferably in a medicinal or combinatorial chem environ. Have a solid knowledge of org chem & be familiar with std analytical tech including NMR & LC/MS & purification tech (e.g. column chromatog & HPLC). Ability to work independently is essential.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Application Instructions: Send resume to:
Email: info@genesoft.com
GeneSoft, Inc.
Attn: Human Resources
7300 Shoreline Court
South San Francisco, CA 94080
FAX: 650-827-0478

CHEMEMPLOYMENT ABSTRACTS 3563

Position Title: Chemist II

Job Description: Work independently to provide analytical support using immunoassays (ELISA, Western blot) & SDSPAGE methods to the development of bio-pharmaceuticals. Responsible for design, development, execution & validation of these methods for use in a cGMP environment.

QUALIFICATIONS DESIRED

Education: BS/S biol or chem
Experience: Min 2 yrs of direct exp in assay design & development. Exp with stability studies, reference stds characterization, HPLC, GC, CE, LC-MS, UV-Vis, NMR techniques a plus. Excellent bench work, communication & documentation skills required.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Description of Employer: SRI Intl has been a leading independent R&D organization in the Silicon Valley for over 50 yrs.

Application Instructions: Send resume to:
Victoria Bautista
Employment & Diversity Specialist
SRI International, EL356
333 Ravenswood Avenue
Menlo Park, CA 94025
FAX: 650-859-4222
Email: victoria.bautista@sri.com
Website: www.sri.com

CHEMEMPLOYMENT ABSTRACTS 3564

Position Title: Chemist I/II (Analytical)

Job Description: Perform analyses on chem/drug substances for toxicology studies using primarily HPLC & spectroscopic methodologies; write analytical protocols & reports; HPLC method development & validation; analytical support for drug prods under cGMP requirements. Must be able to work under GLP regulatory environment & meet timelines.

QUALIFICATIONS DESIRED

Education: BS chem or related field
Experience: 1-5 yrs relevant exp; computer fluency with Excel spreadsheets & Microsoft Word. Preplacement exam required.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Competitive salary
Description of Employer: SRI Intl has been a leading independent R&D organization in the Silicon Valley for over 50 yrs.

Application Instructions: Send resume to:
Victoria Bautista
Employment & Diversity Specialist
SRI International, EL356
333 Ravenswood Avenue
Menlo Park, CA 94025
FAX: 650-859-4222
Email: victoria.bautista@sri.com
Website: www.sri.com

CHEMPLOYMENT ABSTRACTS 3568

Position Title: Research Scientist (BF1-200)

Job Description: Design, execute & analyze the results of preformulation, formulation & process development experiments leading to commercial formulation and manufacturing processes.

QUALIFICATIONS DESIRED

Education: PhD pharmaceuticals or pharmaceutical chem

Experience: 0-5 yrs of related experience

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City

Description of Employer: Gilead Sciences discovers, develops, manufactures, markets, & sells therapeutics for viral, fungal & bacterial infections and cancer.

Application Instructions:

Gilead Sciences
Interested candidates should apply online at www.gilead.com

CHEMPLOYMENT ABSTRACTS 3569

Position Title: Scientist - LCMS

Job Description: Responsible for pre-clinical analytical R&D strategies utilizing Mass spect & LC-MS/MS. Develop LC-MS/MS based analytical methods for identification, quantification & characterization of drug & metabolite therapeutics from samples of biological origin & pharmaceutical formulations. Candidate will effectively supervise one or more analysts.

QUALIFICATIONS DESIRED

Education: PhD chem or related field with a min 2 yrs industry exp or BS/MS chem with 5+ yrs exp required. *Experience:* Possess excellent communication, math & instrumentation skills as well as thorough documentation practices. Possess ability to work in a team environment & under timelines. Exp with ESI/APCI methods required. Exp with Ion trap & triple quad highly desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Alameda

Salary: Competitive salary & benefits & stock options
Description of Employer: A leader in ophthalmology

Application Instructions: Send resume to: Human Resources, Job Code SCILCMS01
InSite Vision
965 Atlantic Avenue, Alameda, CA 94501
FAX: 510-747-1374 Email: leslieza@insite.com

CHEMPLOYMENT ABSTRACTS 3570

Position Title: Research Assistant/Analytical Chemist

Job Description: Responsible for analytical method development & phys/chem characterization of org & inorg compounds.

QUALIFICATIONS DESIRED

Education: BS/MS analytical chemistry

Experience: At least 3-5 yrs exp. Strong knowledge of HPLC/GC, GPC, FTIR, UV-Vis

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits

Description of Employer: Developing a new generation of all-optical components.

Application Instructions: Send resume to:

UltraPhotonics, HR
46975 Fremont Blvd.
Fremont, CA 94538
FAX: 510-226-3979
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACTS 3571

Position Title: Research Assistant/Organo-metallic Chemist

Job Description: Responsible for the synthesis of new organic & organometallic compounds.

QUALIFICATIONS DESIRED

Education: BS/MS in organic/organometallic
Experience: At least 5-7 yrs of industrial experience performing organic chemistry

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits

Description of Employer: Developing a new generation of all-optical components.

Application Instructions: Send resume to:

UltraPhotonics, HR
46975 Fremont Blvd.
Fremont, CA 94538
FAX: 510-226-3979
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACTS 3572

Position Title: Research Scientist/Organo-metallic Chemist

Job Description: Responsible for the synthesis & development of processes used in the manufacturing of electro & photoactive materials.

QUALIFICATIONS DESIRED

Education: PhD in organic/organometallic Chemistry
Experience: At least 3-5 yrs hands on bench synthesis experience, extensive experience with air-sensitive organometallic reagents.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont

Salary: Competitive salary & benefits

Description of Employer: Developing a new generation of all-optical components.

Application Instructions: Send resume with to:

UltraPhotonics, HR
46975 Fremont Blvd.
Fremont, CA 94538
FAX: 510-226-3979
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACTS 3573

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

Experience: At least 1 yr of independent research exp is required in org synthesis. A record of publication is desirable. Should also possess excellent communication skills & 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 3577

Position Title: Scientists & Senior Scientists Medicinal Chemistry

Job Description: Working in an interdisciplinary program, will be responsible for all aspects of design & preparation of new chemical entities

QUALIFICATIONS DESIRED

Education: PhD Chem

Experience: 3-8 yrs exp small molecule after PostDoc, a record of success in medicinal chem, proven leadership qualities, solid track record of scientific achievement thru patents & progression of hits to leads & success with clinical candidate selection in one or more medicinal chem programs. Exp with molecular modeling or parallel synthesis a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Dependent on Exp

Description of Employer: Cytokinetics is an exciting drug discovery company focused on the cytoskeleton.

Application Instructions: Send resume, references & cover letter to:

Cytokinetics HR Department
Attn: Job #CH01-09ACSSV
280 East Grand Avenue
South San Francisco, CA 94080
FAX: 650-624-3010
Email: hr@cytokinetics.com
www.cytokinetics.com

CHEMPLOYMENT ABSTRACTS 3578

Position Title: Research Associate/Senior Research Associate Analytical Chemistry

Job Description: Provide analytical support for pharmacokinetics/drug metabolism, pre-formulation, & stability studies, as well as analytical methods development.

QUALIFICATIONS DESIRED

Education: MS/BS org or analytical chem or related field

Experience: Knowledge of analytical chem/techniques, training in separation science, chromatog & analytical instrumentation, & 2+ yrs relevant industry/academic exp. Familiarity with pharmacokinetics, bioanalysis & drug metabolism in a drug discovery & development environment a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Dependent on Exp

Description of Employer: Cytokinetics is an exciting drug discovery company focused on the cytoskeleton.

Application Instructions: Send resume, references & cover letter to:

Cytokinetics HR Department
Attn: Job #CH01-04ACSSV
280 East Grand Avenue
South San Francisco, CA 94080
FAX: 650-624-3010
Email: hr@cytokinetics.com
www.cytokinetics.com

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CHEMPLOYMENT ABSTRACTS 3574

Position Title: Research Associates I/II/III Metabolism/Bioanalytical/Chemistry

Job Description: Assist in experimental work to identify & determine the metabolic characteristics of new cpds in animal/humans, develop & validate analytical methods & design pharmacokinetic & metabolic studies.

QUALIFICATIONS DESIRED

Education: (RAI) BS or equiv + 3-5 yrs or MS + 1-3 yrs exp. (RAII) BS/MS or equiv & at least 5 yrs exp. *Experience:* Must have basic knowledge of chem/biochem & good lab techniques. Attention to detail, excellent communication skills & basic skills with lab instruments & tools unique to this position are also necessary. Computer proficiency, HPLC, & exp with biol samples, mass spect, automated high thrupt analysis & robotics are preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Application Instructions: Send resume to:

Roche Bioscience
Job Code 2445-ACS
3401 Hillview Avenue
Palo Alto, CA 94304
Email: paloalto.hr-staffing@roche.com (include Job Code)

CHEMPLOYMENT ABSTRACTS 3575

Position Title: Research Scientist II Pharmaceutical Chemistry & Product Development

Job Description: Leading a group of scientists in analytical support for preclinical drug substance & product development, you will be responsible for methods development, validation, toxicological & clinical supply testing & release, stability studies, formulation support & physical chem characterization. Also, as the CMC coordinator, will prepare analytical documents for CMC sections of IND submissions.

QUALIFICATIONS DESIRED

Education: PhD analytical chem or phys chem

Experience: 5+ yrs exp & knowledge of instrumentation in chromatog (HPLC, GC) spectroscopy (UV/Vis, IR, NMR) & physical/chem, measurements (solubility, KF, DSC, hydrolytic stability). Chromatog software knowledge a must.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Application Instructions: Send resume to:

Roche Bioscience
Job Code 1463-ACS
3401 Hillview Avenue
Palo Alto, CA 94304
Email: paloalto.hr-staffing@roche.com (include Job Code)

CHEMPLOYMENT ABSTRACTS 3576

Position Title: Research Associate/Scientist Process Chemistry

Job Description: You will carry out process research activities (synthetic organic chemistry at bench scale) and scale-up activities (in large glassware & pilot plant equipment).

QUALIFICATIONS DESIRED

Education: RS: Requires a PhD in org chem or equiv. chem RA: Requires a BS/MS in chem. *Experience:* Must have bench-scale lab skills & exp in synthetic org chem & structural characterization. Knowledge of GMPs & process scale-up exp in kilo-lab/pilot plant setting preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Application Instructions: Send resume to:

Roche Bioscience
Job Code 74207-ACS
3401 Hillview Avenue
Palo Alto, CA 94304
Email: paloalto.hr-staffing@roche.com (include Job Code)



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The SCV Runners Will Strike Again

CHEMPLOYMENT ABSTRACTS



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2001-03	Howard Peters	650-324-1677

Newsletter Editor

Laura Rasay 650-859-4782
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FUTURE MEETINGS

Nov 4-10	National Chemistry Week
Nov 8	SCV Dinner Meeting <i>Susan K. Roberts-Manganelli</i>
Nov 15	Executive Committee Meeting
Jan 17	SCV Dinner Meeting <i>Jim Morrison</i>
Feb 21	SCV Dinner Meeting <i>Harry Cook, USGS</i>
Feb 24-27	Process Chemistry in the Pharmaceutical Industry Barcelona, Spain
Apr 7-12	ACS Spring Meeting Orlando, FL

CHEMPLOYMENT ABSTRACTS

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