

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 22 No. 12

National Chemistry Week

National Chemistry Week was November 5-11. During the week, section members organized and participated in many events. University of Santa Clara and Stanford University student affiliates did a chemistry demonstration, making slime, at a soccer field in Palo Alto. Other Stanford students demonstrated chemistry experiments in a 4th-grade classroom. San José State University student affiliates made edible warts and oobleck



at The Tech Museum in San José. Professors at Cañada College did a presentation to the students there. The US Geological Survey and Xerox PARC both participated in the "Chemists Reacting to Hunger" food drive, benefiting Second Harvest. High school students participated in National Chemistry Week celebrations by competing for prizes with the most interesting exhibits in their schools. Menlo



Park, San José, Palo Alto, and Los Altos libraries set aside an area for the presentation chemistry-related material. Finally, elementary school teachers attended a workshop at Roche Pharmaceuticals.



Thanks to the following for their help with National Chemistry Week:

Businesses

Roche Pharmaceuticals
VWR Scientific
American Chemical Society
US Geological Survey
Xerox PARC
San José Tech Museum

People

Bonnie Charpentier Roche Pharmaceuticals
Juanita Ryan Cañada College
Jose Valentin Cañada College, retired
Ross Westover San José State University
Elaine Collins University of Santa Clara
Linda Brunauer Stanford University
Jonathon Touster Stanford University
Maureen Scharberg San José State Univ.
Mindy Davis Stanford University
Amy Palmer Stanford University
Liliana Quintanar Stanford University

Student Affiliates

University of Santa Clara
Stanford University
San José State University

Libraries

San José Menlo Park
Los Altos Palo Alto

Chair's Message

As I reflect on the past year, the local section can be proud of many accomplishments. We co-hosted a national meeting in San Francisco and supported a science-related art exhibit in Santa Cruz, collected food for the needy during National Chemistry Week and organized a Carver Kidvention and a Chemistry Olympiad. We presented a speaker program filled with topics such as the chemistry of the Stradivarius violin, contamination in the San Francisco Bay, and Nobel lust in science-in-fiction. I wish to thank the many people who made these and the many other programs and events possible. It is these people who keep the section relevant and viable. The most impressive observation was how much work the people put into the section. The people of this section put a lot of effort into our many programs and it shows. It is they who really make this section successful.

This is my last chair's message. I would like to thank my employer, the US Geological Survey, who has given me time and resources. Without their assistance, I would not have been able to do as much. I would also like to thank you, the members of the local section, for giving me the opportunity to be chair.

Ea Warren

Mosher Award Meeting

Dr. Darleanne Hoffman
 Thursday, January 25, 2001
 See www.scvacs.org for details

Workshop for Teachers Kicks Off National Chemistry Week

The Santa Clara Valley Section of ACS and Roche Pharmaceuticals collaborated to sponsor a workshop for elementary and middle school teachers on



Saturday, November 4 on the Roche campus in Palo Alto. The theme of the workshop was "Kitchen Chemistry and More" in keeping with the NCW theme. The workshop was taught by teachers Juanita Ryan and Julie Shulz, whose wonderful preparation and enthusiasm provided the foundation for a very successful workshop. Teachers from many area communities attended, including Atherton, Campbell, Daly City, La Honda, Los

Altos, Los Gatos, Menlo Park, Millbrae, Milpitas, Morgan Hill, Mountain View, Palo Alto, Petaluma, San Francisco, San Jose, San Mateo, Santa Clara, and South San Francisco.

The workshop program included two sessions of hands-on experiments with such topics as artificial sweeteners vs. sucrose, pH of kitchen items, the effect of enzymes on gelatin, determining fat in milk, and ice cream making. Teachers received curriculum materials and supplies to take back to their classrooms. Other highlights of the workshop included a tour of four Roche laboratories; a presentation on drug development by Dr. Joyce Filppi, Site Head for Roche Global Development; and a raffle for prizes donated by Roche and Roche employees. Morning refreshments and lunch were included in the workshop to provide opportunities for discussions and interactions.



The teachers worked hard and had great enthusiasm. Some quotes from the teacher feedback follow: "The presentation and materials truly exemplify wonderful planning and implementation. What a wonderful team supporting teachers." "The tour was very informative and much appreciated." "The whole day was wonderful." "The best thing about this activity was the supply of actual lesson plans which were safe and exciting. Also the presenters were delightful." "The kids will have fun." "Thank you, thank you, thank you."

A special feature of this year's workshop was that each teacher was given class-size sets of safety glasses to take back to his/her school. Funding for the safety glasses was provided by money raised by Roche employees who participated in an event called "Walk the Walk". For every employee who completed a walkathon course around the site, Roche donated \$10. This grant also enabled the section to qualify for matching funds from the National ACS. VWR Scientific contributed a \$500 grant toward the purchase of the safety glasses, as well as arranging for a quick delivery.



Besides those mentioned above, many volunteers contributed to the success of this workshop. Thanks go to ACS stalwarts Lois Durham, Sally Peters, and Howard Peters who devoted most of a sunny Saturday setting up, cleaning up, and everything in between; to Susan Weitz of VWR Scientific; to Roche employees Tom Alfredson, Joe Bamberg, Katy Chang, Chuck Dvorak, Alex Haedrich, Gary Hedden, Joy Johnston, Joyce Kwan, Mike Maddox, Barbara Murphy-Wesley, Khanh Nguyen, Brenda Price, Carmen Rodriguez and David Wilson

who generously gave of their time and expertise, and a very special thanks to Shirley Ross who put her heart into the preparation and realization of this workshop.

Bonnie Charpentier



FUNDING UP!

Congress and the White House at long last have come to an agreement on the DOE, NSF and NASA budgets. The numbers should put smiles on the faces of scientists, who have labored for months making the case for federal R&D investments. Last spring, appropriators predicted that allocation ceilings eventually would be lifted. It happened, and science accounts emerged from conference at levels higher than either the House or Senate had approved separately during the summer. DOE Basic Energy Sciences leads the pack boasting a 30% increase, with DOE Science rising 14% in the aggregate. NSF's Research and Related Activities jumps more than 13%, with Math and Physical Sciences up almost 12%. DOE's fusion and high-energy and nuclear physics, which had faced cuts in the Senate, emerge with roughly cost-of-living increases. NASA space science climbs more than 13%. Yeehaw!

Robert L. Park

WHAT'S NEW issue Friday, November 3, 2000



Congressional Fellowship Available

The Fellow will have the opportunity to gain first-hand knowledge of the operation of the legislative branch of the federal government, make scientific and technical expertise available to the government, and forge links between the scientific and government communities. This program provides a unique opportunity for ACS members to work in the office of a United States Senator or Representative or congressional committee for one year beginning in September or January.

See www.acs.org/government/congressional.html for more information.

Younger Chemists Committee Event

Opportunity Recognition for High Tech Entrepreneurs

Andrew M. Isaacs, UC Berkeley

For entrepreneurs interested in starting new technology companies, there are several fundamentals to be mastered at the outset. In this brief introduction to the process of creating a new high tech venture, we will examine each of these fundamentals, with an emphasis on evaluating opportunities in markets that may not yet exist.

Date: Thursday, January 18, 2001

Schedule: 6:30 pm Wine and Cheese; 7:00 pm Lecture

Place: Roche Palo Alto, 3401 Hillview, Palo Alto

For driving directions, refer to the following web site: www2.roche.com/bioscience/rochehome.htm. Please RSVP at ycc@scvacs.org.

This event is made possible by a grant from SCV ACS. Non-ACS members will be asked to pay a \$5.00 entrance fee.

Judges and Kidvention

Judges are needed for the Intel Carver Scholars Program science fair competition to be held on January 5, 2001 – the George Washington Carver Recognition Day and Science Fair in California.

We are also looking for volunteers to help direct the Carver Kidvention SCAMPER program. The SCAMPER sessions are 15 to 20 minute brainstorming exercises about inventing. We specifically need about 12 adult volunteers to lead 12 tables of about 10 students each through the SCAMPER program and observe and assist as the “inventions” are created. Most of the time is spent watching the fireworks generated in the kids. This is a very rewarding activity for all involved. Both groups will be at the Santa Clara Convention Center on January 5 from 8 am to noon. Light breakfast and lunch will be provided for both groups of volunteers. Please contact **Howard Peters** at (650) 324-1677 or peters4pa@aol.com.

Design a Museum Exhibit

Do you have an interest in local chemical history? How about an interest in biotech or other chemical industry? Would you like to translate that interest into a museum exhibit? Exhibits at the San Francisco Airport Museum (www.sfoarts.org) are viewed by thousands of people from around the world every day and would be a great way to highlight chemistry. If you are interested in working on such a project or have equipment that can be displayed, let us know. The Airport books their museum space 2-3 years in advance, but we have to start planning now. Contact **Ean Warren** at (650) 329-4554 or ncw@scvacs.org to help.

ACS-SCV Election Results for 2001

Chair-Elect: <i>Jon Touster</i>	237
Secretary: <i>Karl Marhenke</i>	239
Treasurer: <i>Hong Gao</i>	240
Councilors (two to be elected)	
<i>Linda Brunauer</i>	233
<i>Sally Peters</i>	232
Alternate Councilors (two to be elected)	
<i>George Lecgner</i>	229 (3 yr)
<i>Howard Peters</i>	229 (3 yr)

Make Your Mark on Washington as ACS Science Policy Fellow!

Science Policy Fellows gain first-hand knowledge of the operation of the legislative and executive branches of the federal government and bring scientific and technical expertise to bear on national issues. This ACS Fellowship affords a qualified individual with a unique opportunity not only to learn about the interplay between science and public policy, but also to contribute to the formation of ACS policy.

See www.acs.org/government/sciencepolicy.html for more information.

CHEMPLOYMENT ABSTRACTS – DECEMBER 2000

CHEMPLOYMENT ABSTRACTS 3408

Position Title: Chemistry Instructor Apply by 11/21/00

Job Description: Lecture and/or laboratory sections in following and/or related assignments. Gen Chem, Intro Inorg, Inorg Chem for Health Occupations, Intro Org Chem & Biochem for Health Occupations.

QUALIFICATIONS DESIRED

Education: Master's degree in chem OR meet state minimum or equiv knowledge of and commitment to community college philosophy.

Experience: Effective oral & written skills, demonstrated ability to teach courses or perform duties effectively.

LOCATION, SALARY, MAIL ADDRESS

Location: Aptos, Calif.

Salary: Commensurate with education & experience.

Description of Employer: Special community of faculty & staff emphasizing the continued growth of individuals.

Application Instructions, Contact:

Cabrillo College

Personnel, 6500 Soquel Dr

Aptos, CA 95003.831-479-6217

Detailed job description & applications from: <http://www.cabrillo.cc.ca.us>

CHEMPLOYMENT ABSTRACTS 3409

Position Title: Research Associate/Sr Research Associate, Analytical Chem

Job Description: Responsible for determining physical parameters of chemical compounds, measuring protein binding, isolate and identify metabolites and impurities. Analyze data and interpret results for reports. Analytical rigor and great attention to detail are essential.

QUALIFICATIONS DESIRED

Education: BS or MS

Experience: MS in Anal Chem; BS or equiv in anal. organic, or biochem with 1 yr relevant experience, preferably in pharm or biotech industry. Prior experience with HPLC is required; with LC/MS is a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco.

Salary: Competitive salary with benefits.

Description of employer: Discovery of novel therapeutic agents

Application Instructions: Send resume to:

Advanced Medicine, Inc

901 Gateway Blvd

South San Francisco, CA 94080

Fax: 650-827-8690

www.advmedicine.com

CHEMPLOYMENT ABSTRACTS 3410

Position Title: Medicinal Chemist Research Associates

Job Description: As a member of an integrated multidisciplinary discovery team, contribute to the design and synthesize novel drug candidates.

QUALIFICATIONS DESIRED

Education: MS org chem; BS with minimum 1 yr experience in pharm industry.

Experience: Significant skills in synthesis; ability to work independently in lab.

LOCATION, SALARY, MAIL ADDRESS

Location: S San Francisco. Competitive

Salary: salary with benefits.

Description of employer: Drug Discovery

Application Instructions: Send resume to:

Advanced Medicine, Inc

901 Gateway Blvd

South San Francisco, CA 94080

Fax: 650-827-8690

www.advmedicine.com

CHEMPLOYMENT ABSTRACTS 3411

Position Title: Scientist/Research Scientist, Analytical Chemistry

Job Description: Work in a collaborative research environment, with scientists in therapeutic-based discovery programs. Develop & apply innovative science & technology in structural & analytical chemistry to drug discovery research. Includes characterize discovery chemical leads by analysis and physical property determination.

QUALIFICATIONS DESIRED

Education: PhD or MS

Experience: PhD with 2+ yrs or MS with 10 yrs including management experience in pharm industry. In-depth knowledge of HPLC, capillary electro-phoresis and sample prep is essential. Good communication and interpersonal skills are required.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco.

Salary: Competitive salary with benefits.

Description of employer: Discovery of novel therapeutic agents

Application Instructions: Send resume to:

Advanced Medicine, Inc

901 Gateway Blvd

South San Francisco, CA 94080

Fax: 650-827-8690

www.advmedicine.com

CHEMEMPLOYMENT ABSTRACTS – DECEMBER 2000

CHEMEMPLOYMENT ABSTRACTS 3412

Position Title: Analytical Chemist

Job Description: Perform analysis of pesticide residue & non-pesticidal chemicals including insect pheromones.

QUALIFICATIONS DESIRED

Education: BS or MS

Experience: Minimum 2-3 yrs in analytical or industry R&D or production lab. Experience with various analytical instruments /methods is desirable. Demonstrated discipline in record keeping and reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas)

Salary: Competitive salary & benefits.

Description of Employer: Global mfg./supplier of pheromone/kairomone based insect monitoring systems. Developing pheromone/kairomone based control.

Application Instructions: Send resume & salary reqs to:

Saji George, Trece, Inc.
PO Box 6278
Salinas, CA 93912
Fax: 831-758-2625
email: saji@trece.com

CHEMEMPLOYMENT ABSTRACTS 3413

Position Title: Organic Chemistry Instructor

Job Description: Part-time Instructor for Organic Chemistry. Course: 1/10/01 to term ends 5/4/01. Lecture MWF, 12:00 to 12:50 pm; laboratory Monday 2:00 to 5:30 pm and Tue 8:30 am to 12:00 Noon.

QUALIFICATIONS DESIRED

Education: PhD in Chemistry

Experience: Some teaching experience required.

LOCATION, SALARY, MAIL ADDRESS

Location: Belmont, Calif

Description of Employer: College of Notre Dame

Application Instructions: Contact:

Dr.Elizabeth Center,
Chair, Dept of Natural Sci
at 650-508-3553, Fax your
resume to 650-508-3736 or
write to:College of Notre Dame
Dr.Elizabeth Center, Chair
Dept of Natural Sciences,
1500 Ralston Ave
Belmont, CA 94002

CHEMEMPLOYMENT ABSTRACTS 3414

Position Title: Scientist-Medicinal/Synthetic Organic Chemistry

Job Description: Responsible for design & synthesis of small molecules (both solution & solid phase)characterization of these molecules, and inter-actions with other members of a multidisciplinary R&D team to advance the development of clinical candidate molecules.

QUALIFICATIONS DESIRED:

Education: PhD in Organic or Medicinal Chemistry

Experience: Minimum of 2 yrs in pharmaceutical industry or related postdoc experience. Demonstrated hands-on expert in synthetic organic chem, able to design & carry out multi-step syntheses of drug target molecules.Independent problem solving & scientific creativity.Good oral & written communication skills are necessary.

LOCATION, SALARY, MAIL ADDRESS

Location: Dublin, Calif

Salary: competitive & benefits

Description of Employer: Chemistry driven pharmaceutical company, discovery and development.

Application Instructions: Send resume to:

Peggy Radel, PhD, Prototek, Inc.
6501 Sierra Lane
Dublin, CA 94568
Fax: 925-829-0362
Email: pradel@prototek2.com

CHEMEMPLOYMENT ABSTRACTS 3415

Position Title: Sr. Research Associate/Associate Scientist-Chemistry

Job Description: Plan/conduct experiments; record, analyze & report results; summarize & interpret data; prepare reagents for reactions & perform multi-step reaction sequences; use robotics equipment-for synthesis; work on solid supports or resins.

QUALIFICATIONS DESIRED:

Education: BS/MS in chemistry

Experience: BS with 8+ yrs in chem/ MS with 5+; ability to operate specialized equipment (HPLC, GCMS, LCMS, NMR & FTIR) & computers. Strong analytical & written/verbal communication skills. Competent in PC world including use of ISIS, related software.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont, Calif

Salary: competitive & benefits

Description of Employer: Drug discovery integrating computer based design with molecular biology, immunology & protein chemistry.

Application Instructions: Send resume to:

Protein Design Labs
HR Dept,Attn Job #703-SCVS
34801 Campus Drive
Fremont, CA 94555
Fax: 510-574-1448
Email: careers@pdl.com
www.pdl.com

CHEMEMPLOYMENT ABSTRACTS 3416

Position Title: Sr. Research Associate/Associate Scientist-Bioanalytical Chemistry, Metabolism

Job Description: Conduct experiments coordinated within a multidisciplinary team to identify & prioritize new drug candidates. Identify and/or quantify analytes of interest in biological samples; deter-mine the pharmacokinetic and metabolic characteristics of new compounds; perform methods development with LC-MS; in vivo pharmacokinetic studies in vitro & in vivo drug metabolism studies, protein binding to develop a mechanistic understanding of drug candidates.

QUALIFICATIONS DESIRED:

Education: BS/MS or equiv in analytical chemistry.

Experience: 5+ yrs; strong analytical chem/biochem background with focus on HPLC and LC-MS applications; hands-on exp with HPLC including CE incl MS-MS analysis.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont, Calif

Salary: competitive & benefits

Description of Employer: Drug discovery integrating computer based design with molecular biology, immunology & protein chemistry.

Application Instructions: Send resume to:

Protein Design Labs
HR Dept,Attn Job #688-SCVS
34801 Campus Drive
Fremont, CA 94555
Fax: 510-574-1448 Email: careers@pdl.com

CHEMEMPLOYMENT ABSTRACTS 3417

Position Title: Staff Scientist

Job Description: Provide support for in vitro & in vivo experiments to evaluate the ADME properties of lead discovery compounds. Assume a key role in design, develop & implementation of novel & predictive in vitro assays amenable to high throughput & automation.

QUALIFICATIONS DESIRED:

Knowledge in analytical chem, skills in separation & detection methodologies. Interact with external research collaborators to acquire or develop new technologies & also contribute to the export & import of newly developed assays to other labs.

Education: MS (3-5 yrs exp) or PhD (0-2 yrs relevant lab exp) analytical chem/related field.

Experience: Chromatog and mass spec desired. Computer skills for data handling and reporting are required. Strong oral & written communication skills.

LOCATION

Location: Palo Alto

Description of Employer: Part of Galox Wellcome family, Affymax is a leader in the biopharmaceutical industry.

Application Instructions: Send resume to:

Affymax Res Inst
Job Code LTA001
3410 Central Expressway,
Santa Clara, CA 95051
Fax: 408-730-1393
Email: ari_jobs@affymax.com

CHEMEMPLOYMENT ABSTRACTS 3418

Position Title: Research Assistants

Job Description: Carry out peptide synthesis, peptide conjugates, organic synthesis, purification and analysis. Maintain lab inventories.

QUALIFICATIONS:

Education: BS or MS in chem

Experience: Experience is a plus but not necessary.

Able to collaborate with other scientists.

LOCATION, MAIL ADDRESS

Location: Palo Alto

Description of Employer: Part of Galox Wellcome family, Affymax is a leader in the biopharmaceutical industry.

Application Instructions: Mail, fax or e-mail resume to:

Affymax Research Institute
Job Code PBA002 & 3
3410 Central Expressway,
Santa Clara, CA 95051
Fax: 408-730-1393
Email: ari_jobs@affymax.com
Include job code with resume.

CHEMEMPLOYMENT ABSTRACTS 3419

Position Title: Research Assistant I/II

Job Description: Develop new chemistries suitable for the construction of combinatorial libraries.

QUALIFICATIONS:

BS/MS in organic chem plus 0-5 yrs research lab exp using techniques for isolation & characterization of organic compounds, including NMR, IR, chromatography and HPLC. Must be familiar with latest computer software such as Word, Chemdraw, Excel, etc.

LOCATION, MAIL ADDRESS

Location: Palo Alto

Description of Employer: Part of Galox Wellcome family, Affymax is a leader in the biopharmaceutical industry.

Application Instructions: Mail, fax or e-mail resume to:

Affymax Research Institute
Job Code SUN002
3410 Central Expressway,
Santa Clara, CA 95051
Fax: 408-730-1393
Email: ari_jobs@affymax.com
Include job code with resume.

CHEMEMPLOYMENT ABSTRACTS 3420

Position Title: Staff Scientist

Job Description: Will be responsible for designing new solid phase chemistries for combinatorial chemical library synthesis and optimization of hits for lead generation.

QUALIFICATIONS:

Education: Requires PhD in chem, emphasis on synthetic organic chem. Postdoc exp & knowledge/exp in solid phase methodologies for combinatorial libraries is preferred. Ideal candidate will have excellent communication and inter-personal skills & ability to work on interdisciplinary projects.

LOCATION, MAIL ADDRESS

Location: Palo Alto

Description of Employer: Part of Galox Wellcome family, Affymax is a leader in the biopharmaceutical industry.

Application Instructions: Send resume to:

Affymax Res Inst
Job Code SUN001
3410 Central Expressway,
Santa Clara, CA 95051
Fax: 408-730-1393
Email: ari_jobs@affymax.com
Include job code with resume.

CHEMEMPLOYMENT ABSTRACTS 3421

Position Title: Research Assistant

Job Description: Will be responsible for the development & implementation of methods to screen shuffled libraries by parallel capillary electrophoresis.

QUALIFICATIONS:

Education: BS/MS in relevant scientific discipline.

Experience: Experience in the development & validation of capillary electrophoresis separations is required. Experience in the derivitization bio-molecules, organic chemistry and protein chemistry helpful.

LOCATION:

Location: Redwood City, Calif.

Salary: Commensurate with experience.

Description of Employer: Leader in design, development and application of directed evolution technologies to evolve new properties into single genes, multigene path-ways, plasmids, viruses and genomes. Please see our web site at www.maxygen.com

Application Instructions: Send resume to:

Maxygen, HR
Job Code CH-144
515 Galveston Drive
Redwood City, CA 94063
mail: Jobs@maxygen.com
Fax: (650) 364-2715

CHEMEMPLOYMENT ABSTRACTS 3422

Position Title: Research Scientist, Synthetic Chemistry

Job Description: Head of the Preparative Chemistry Lab. Will supervise at least one Associate Chemist. Responsible for synthesis of intermediates and final products of up to 1 kg scale, to support medicinal chemistry program. To focus on improving existing synthetic methods to increase yields and efficiency of transformations.

QUALIFICATIONS DESIRED:

Education: MS in Organic Chem with 5+ yrs exp. or PhD with 2-5 yrs exp in intermediate to large-scale synthesis (1g to 1kg)in industrial environment.

Experience: Design experiments & solve problems using modern chem principles & laboratory techniques; knowledge of spectroscopic analysis; facility with anal & prep HPLC are essential.

LOCATION, SALARY

Location: Mountain View

Salary: Competitive & benefits

Description of Employer: Innovative Bay Area pharmaceutical company discovering new anti-infection agents.

Application Instructions: Mail or Fax resume to:

HR, Job Code 808-SCS
Microcide Pharmaceuticals, Inc
850 Maude Avenue
Mountain View, CA 94043
FAX: 650-526-3034
www.microcide.com

CHEMEMPLOYMENT ABSTRACTS 3423

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

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: JobCode 808-MCA
Microcide Pharmaceuticals,Inc
850 Maude Avenue
Mountain View, CA 94043
FAX: 650-526-3034

CHEMPLOYMENT ABSTRACTS – DECEMBER 2000

CHEMPLOYMENT ABSTRACTS 3424

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

Email: info@genesoftinc.com

FAX: 650-635-0222

CHEMPLOYMENT ABSTRACTS 3425

Position Title: Chemist

Job Description: Assist in laboratory production of custom peptides (synthesis and/or purification)

QUALIFICATIONS DESIRED

Education: BS, MS or PhD, chem or related discipline

Experience: At least 2 yrs experience

LOCATION, SALARY, MAIL ADDRESS

Location: Dublin

Salary: Dependent upon experience and education level

Description of Employer: Fast growing Biotech company specializing in custom peptide production.

Application Instructions: Send resume to:

SynPep Corporation

Attn: Human Resources Dept

P.O. Box 2999

Dublin, CA 94568

FAX: 925-803-9301

Email: peptide@synpep.com

CHEMPLOYMENT ABSTRACTS 3426

Position Title: Research Associate, Natural Products Chemistry

Job Description: Isolation & identification of bioactive leads from natural sources using HPLC, wet chemistry & bioassay-guided fractionation.

QUALIFICATIONS DESIRED

Education: Min. BS chemistry

Experience: Min 1 yr of independent research exp in natural prodts isolation or analytical org chem.

Extensive hands-on exp with HPLC. Excellent communication & organization skills. Familiarity with MS Word, Excel, Filemaker Pro, and ISI/Base is desirable.

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 702-NPA

Microcide Pharmaceuticals, Inc

850 Maude Avenue

Mountain View, CA 94043

FAX: 650-526-3034

www.microcide.com

CHEMPLOYMENT ABSTRACTS 3427

Position Title: Synthetic Organic Chemist

Job Description: Responsible for design, synthesis, purification & characterization of org cods to facilitate CellGate's efforts to rapidly commercialize innovative therapeutics. Will perform reactions on milligram to multigram scale.

QUALIFICATIONS DESIRED

Education: BS/MS chemistry

Experience: 1-10 yrs exp. Exceptional communicating skills & a willingness to multitask on a wide variety of projects are required.

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale

Salary: Competitive salary & benefits in addition to an attractive employee stock option plan.

Description of Employer: Pharmaceutical company exploiting technology that enables intracellular discovery of therapeutics.

Application Instructions: Send resume and cover as

Word attachments to:

careers@cellgate.com

Drs. Paul Wender & Jonathan Rothbard

CellGate, Inc.

552 Del Rey Avenue

Sunnyvale, CA 94085-3528

CHEMPLOYMENT ABSTRACTS 3428

Position Title: Applications Laboratory Manager

Job Description: Responsible for managing the operation of applications & testing lab. Will work directly with senior management team in developing projs to enhance business of existing prods, & validate performance of new ones. Supervise staff of 6 techs & scientists. Prepares & delivers papers at major conferences. Works with marketing in development of tech publications

QUALIFICATIONS DESIRED

Education: PhD, life sciences discipline

Experience: At least 2 yrs exp managing a research lab. Must possess outstanding organization & communication skills

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale

Salary: Excellent salary & benefits including 401(k) plan.

Description of Employer: World leader in lab instrumentation & consumables for research & med environments

Application Instructions: Send resume to:

HR Department

Robbins Scientific Corp.

1250 Elko Drive

Sunnyvale, CA 94089

FAX: 408-734-4924

Email: hr@robsci.com

CHEMPLOYMENT ABSTRACTS 3429

Position Title: Research Associate

Job Description: Responsible for development of polymer-based reagents to develop line of prods for parallel chemistries, including prep, test & application of candidate reagents. May also include process development & scale-up of successful candidates for commercialization. Will document findings in reports, application notes & presentations.

QUALIFICATIONS DESIRED

Education: BS or BA Chem

Experience: 1 yr acad or ind exp with emphasis on org syn required. Exp from drug discovery progs at biotech or pharmaceutical companies desirable. Should be familiar with common syn lab practices & techniques including prod characterization via GC & HPLC, IR, UV-vis & NMR.

LOCATION, SALARY, MAIL ADDRESS

Location: San Carlos

Salary: Competitive salary & benefits

Description of Employer: Designs & develops instruments for org synthesis, software & chem resins/reagents for sohn-phase & solid-phase chem

Application Instructions: Send resume to:

Argonaut Technologies, Inc.

Job Code 2000-77

887 Industrial Rd, Suite G

San Carlos, CA 94070

FAX: 650-598-1359

Email: hrinfo@argotech.com

CHEMPLOYMENT ABSTRACTS 3430

Position Title: Chemical Engineer

Job Description: Using optical, spectro & microscopic tech to characterize, modify & control surface layers on electrodes used in rechargeable batteries. Including ellipsometry, Raman, FTIR, Auger & photoelectron spectroscopies & various microscopic & electrochem methods.

QUALIFICATIONS DESIRED

Education: PhD chem or mail sciences awarded within last 3 yrs.

Experience: Demonstrated proficiency in use of ellipsometry & other surface characterization tech to study electrochem processes & exp in areas of numerical data anal, electrochem measurements & advanced instrumental techniques.

LOCATION, SALARY, MAIL ADDRESS

Location: Berkeley

Salary: \$3515-8435/Month

Description of Employer: Multiprogram research & development lab

Application Instructions: Send resume to:

Lawrence Berkeley National Lab

Staffing Office, ReFL HR/012755/JACS

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MS 937-0600

Berkeley, CA 94720

Email: employment@lbl.gov

Plain text, no attachments

FAX: 510-486-5870

CHEMPLOYMENT ABSTRACTS 3431

Position Title: Senior Scientist

Job Description: Use extensive working knowledge of bio-org chem, org synthesis & anal chem to label & sequence proteins. Must be able to work in multi-disciplinary team environment, must have good communication skills. Will use a variety of lab equipment, computer resources, & institutional Libraries. Will use word processing, spread sheets, graphics, statistics & presentation software to present results to other team members.

QUALIFICATIONS DESIRED

Education: PhD or equivalent or 10 yrs related exp and/or training.

Experience: Operational knowledge of chem & biochem hazards & handling requirements associated with lab-based biol and/or chem research, general lab equipment & safety procedures. Must read, analyze & interpret complex scientific & tech journals & documents.

LOCATION, SALARY, MAIL ADDRESS

Location: San Carlos

Description of Employer: Target Discovery, Inc

Application Instructions: Send resume to:

Attn: R7977

FAX: 818-244-9822

Email: jgadministaff.com

CHEMPLOYMENT ABSTRACTS 3432

Position Title: Scientist, Analytical Chemistry

Job Description: Help characterize lead cpds, including pre-clinical candidates, screening hits & parallel synthesis cpds. Provide anal support of pharmacokinetics/drug metab, preformulation, stability studies & anal methods development, help manage capital equipment, maintenance/troubleshooting.

QUALIFICATIONS DESIRED

Education: PhD org or anal chem or related field

Experience: 2-6 yrs relevant exp OR MS & 5-8 yrs exp; success developing anal methods, demonstrated instrumentation exp. Exp with anal chem/techniques & knowledge of separation & chromatog preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Dependent on exp

Description of Employer: Drug discovery company focused on cytoskeleton

Application Instructions: Send resumes and cover letter to:

Cytokinetics

HR Department

Attn: Job #CH00-03-ACS

280 East Grand Avenue

South San Francisco, CA 94080

FAX: 650-524-3010

email: hr@cytokinetics.com

CHEMPLOYMENT ABSTRACTS 3433

Position Title: Scientists, Medicinal Chemistry

Job Description: Design/synthesize small molecules in lead refinement & optimization studies, drug candidate selection activities & for use as protein labeling reagents. Contribute to overall proj strategies for optimizing of drug discovery candidates & collaborate with colleagues in other disciplines.

QUALIFICATIONS DESIRED

Education: PhD org synthetic chem with additional postdoctoral or relevant industry experience

Experience: Background in medicine chem, org synthesis and/or parallel synthesis, familiarity with mole & cell biol techniques, screening tech, exp in drug design & drug design.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Dependent on exp

Description of Employer: Drug discovery company focused on cytoskeleton

Application Instructions: Send resumes and cover letter to:

Cytokinetics

HR Department

Attn: Job #CH00-01-ACS

280 East Grand Avenue

South San Francisco, CA 94080

FAX: 650-524-3010

email: hr@cytokinetics.com

CHEMPLOYMENT ABSTRACTS 3434

Position Title: Research Associates, Medicinal Chemistry

Job Description: Design, synthesize, purify & characterize novel biolog-ically active molecules; contribute to overall project strategies for optimization of drug discovery candidates & collaborate closely with colleagues in other disciplines.

QUALIFICATIONS DESIRED

Education: BS/MS chem

Experience: 2-5 yrs of relevant industry or academic exp. & ability to excel in a fast-paced team environment.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Dependent on exp

Description of Employer: Drug discovery company focused on cytoskeleton

Application Instructions: Send resumes and cover letter to:

Cytokinetics

HR Department

Attn: Job #CH00-02-ACS

280 East Grand Avenue

South San Francisco, CA 94080

FAX: 650-524-3010

email: hr@cytokinetics.com

CHEMPLOYMENT ABSTRACTS 3435

Position Title: Informatics Research Scientist, Drug Discovery

Job Description: Design, develop & implement algorithms/software targeted at different arts of drug discovery process. Integrate in-house tools with external tools, work with cpd databases, design & develop computational techniques to model & analyze molecular-molecular interactions, structure-property, structure-activity relationships.

QUALIFICATIONS DESIRED

Education: PhD or MS in computational Chem, Computer Sci, Electrical Engrg, Org Chem

Experience: Programming exp with C/C++ or Java, knowledge of scripting languages like Python or Perl.

Strong background in UNIX, object-oriented design, algorithms & data structures.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary & Benefits

Description of Employer: Expertise in genomics & model system genetics.

Application Instructions: Send resume to:

HR Exelixis, Inc.

170 Harbor Way, P.O. Box 511

South San Francisco, CA 94080

FAX: 650-837-7226

Email: careers@exelixis.com

www.exelixis.com



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

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DECEMBER 2000 NEWSLETTER TOPICS:

National Chemistry Week
Chair's Message
Workshop for Teachers Kicks off National Chemistry Week
Funding Up!
Congressional Fellowship Available
Younger Chemists Committee Event
Design a Museum Exhibit
ACS-SCV Election Results
Judges and Kidvention
Make Your Mark on Washington as ACS Science Policy Fellow!

CHEMPLOYMENT ABSTRACTS



<http://www.scvacs.org>

SANTA CLARA VALLEY SECTION

2000 SECTION OFFICERS

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

Councilors

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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
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Alternate Councilors

1998-00	Jamil Talhouk	925-449-2664
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1999-01	Jonathan Touster	650-723-4340
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2000-02	Donna Drogos	408-265-2600
2000-02	Lance Wong	650-829-1148

Newsletter Editor

Steven Colby 650-938-4502
e-mail: scolby@carr-ferrell.com

FUTURE MEETINGS

2000

Dec 14-19 Pacificchem Int'l Congress
Honolulu, HI

2001

Jan 5 George Washington Carver
Reconition Day and
Science Fair

Jan 18 Younger Chemists Committee
Meeting

Jan 25 SCV Mosher Award Meeting

Apr 1-5 National ACS Meeting

CHEMPLOYMENT ABSTRACTS

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