

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 23 No. 4

Student Affiliates Program San Jose State University

The Chemistry Department at San Jose State has a very active student affiliates program. Student activities include visits to local public schools and sharing their excitement and knowledge of chemistry through demonstrations and magic shows. Several students just returned from a successful trip to the national meeting in San Diego and will share their posters and presentations with us at this month's dinner meeting. The brief talks to be given include discussions on natural products and Bovine Immunodeficiency Virus (BIV) by Jon Karpel and Rebekah Dees. Trang Vo will tell us more about their student affiliate activities for the year.

In addition to a social hour and dinner in the newly renovated University Club we will have the opportunity to talk with San Jose State's new provost, Marshall Goodman and Dean of the College of Science, Gerry Selter (an organic chemist). Several of the student affiliates and their

professors will be joining us.

The evening will be completed with an informal tour of San Jose State's new NMR equipment in Duncan Hall. Dr. Elaine Collins will arrange parking in the Seventh Street garage, which is centrally located between the University Club and Duncan Hall.

Check the meeting section of our web site www.scvacs.org for updated information.



Chair's Message

The most important item in this month's Chair's Message is the date for the April dinner meeting. If you read the calendar closely last month and read the dinner meeting announcement this month, you will undoubtedly notice a difference. The meeting is April 19th, not April 26th! I apologize for the incorrect information. The brain is a wonderful computer, but when it gets programmed wrong it does not upgrade well! Dr. Collins and the San Jose State

University student affiliates are busy planning for us on the 19th. The meetings we have with the various student affiliate chapters are always very invigorating. Their enthusiasm for the field of chemistry is contagious.

The national test for the Chem Olympiad will be given April 21st at Santa Clara University. The top 15 high school students from the Santa Clara Valley and California sections will take the national standardized test to compete for a spot on the national team.

April Dinner Meeting



Date: April 19, 2001

Time: 6:00 pm Reception
7:00 pm Dinner
8:00 pm presentation
9:00 pm NMR lab tour

Location: San Jose State University
University Club
408 South 8th Street
San Jose, CA
(408) 924-6505

Cost: \$25 per person

Reservations: Shirley Radding
(408) 246-2564
(408) 296-8625 FAX

Reservations may also be made using our web site www.scvacs.org. Dinner reservations are required by Monday, April 16.

The International test will be Bombay, India, in July. Tricia Takahara, the chair of the event, still needs help administering the test. Contact her at patricia.takara@roche.com.

Roy Okuda has the gargantuan task of recruiting 1000 judges for the Intel International Science and Engineering Fair. He has almost 400 now, with 600 to go. The categories of Environmental Science and Zoology are where he especially needs help. Go to the Fair's web site <http://intelisef2001.org> to learn

continued on next page

Chair's Message, continued from front page

more about the event and how you can help or contact Dr. Okuda at San Jose State University (phone: 408-924-2525).

Last month I began wandering down memory lane to the founding of the local section. In the '50s, the dinners were held in different restaurants, as they are today. The lecture hall of the "old chemistry building" at Stanford was home to the lectures. One early attendee remembered coffee and doughnuts and long discussions after the talks in the new gazebo. The early '70's saw the completion of the International Building at SRI and the dinners and lectures found a home for nearly 20 years. It was during that time that I remember hearing the Nobel laureate, Linus Pauling, speak on his research on vitamin C. It was a full house that night! In 1979 the section newsletter was born, until then we shared the publication of the Vortex with the California section. Jack Riley was the tireless editor for many years.

Little did I realize that this month our newsletter would include an article about the death of our most senior member. Dr. Mosher served as chair of the section in 1955 and as an outstanding example of someone who was dedicated to his profession, his family, his students, and his professional society for more than 60 years. Because of his belief in chemistry as a profession and his dedication to the advancement of his students, we are here today.

Thank you Harry!



Calling All Runners

or anyone in search of a good time with a little exercise thrown in

The local section Younger Chemist Committee is organizing a group of participants in this year's San Francisco Bay to Breakers ***www.baytobreakers.com*** on May 20. For those of you who are not familiar with this event, the Bay to Breakers is a 7.5 mile event from downtown San Francisco through Golden Gate Park to the Great Highway in which people

enter for different reasons: some enter to race, some to walk, some to see others, and some to be seen. Many people dress in costume for the event. All this creates a kind of carnival atmosphere in which everyone has a good time. As a bonus, the local section will contribute \$25 per participating member, up to \$500 to fund local kindergarten through high

Harry S. Mosher

August, 31 1915 - March 2, 2001

Dr. Mosher, 85, Professor Emeritus at Stanford University, died of cancer on March 2nd. Dr. Mosher was born and raised in Salem, Oregon, and earned his bachelor's degree at Willamette University. After obtaining a master's degree at Oregon State, he returned to Willamette as assistant professor. In 1942 he received his Ph.D. in Organic Chemistry at the Pennsylvania State University. It was there that he met and married Carol Walker.

During WW II he supervised research on antimalarial drugs and the production of DDT while serving as an assistant professor at Penn State. The Mosheres moved to California in 1947 when Dr. Mosher joined the chemistry faculty at Stanford University. His research continued in Grignard reactions, stereochemistry and began in animal toxins, discovering tarichatoxin in the newts living in the Stanford foothills. He co-authored almost 200 papers with his 75 graduate students during his career at the university.

Over the years he has studied or served as a Visiting Professor or invited lecturer in several countries around the world including: Japan, Korea, China, Switzerland, England, and Holland.

As an active member in the American Chemical Society, Dr. Mosher served as councilor of the Santa Clara Valley Section for 20 years. He was chair of the California section in 1954 and is considered by all as the "Founding Father" of the Santa Clara Valley section.

CALL FOR NOMINATIONS The Harry and Carol Mosher Award

The award was established in 1980 by the Santa Clara Valley Section of ACS to recognize and encourage outstanding work in chemistry; advance chemistry as a profession; and to recognize service to ACS. The award is named for Dr. Harry S. Mosher of Stanford University and Dr. Carol W. Mosher of SRI, husband and wife, charter members, and long-time supporters of this section.

Any scientist residing in the United States who is a member of the ACS is eligible for the Mosher Award. Five copies of the nomination, including printed materials (reprints) should be furnished for distribution to the award Selection Committee. The nomination and its accompanying material must be sent by May 15 to Chair of the Mosher Award, Santa Clara Valley Section American Chemical Society, P.O. Box 395, Palo Alto, California 94302. For further information, please contact Chair Jamil Talhouk at esp@value.net.

school science teachers' programs. So participate, get some exercise, meet other chemists, and contribute to a good cause. Contact Ean Warren at ewarren@scvac.org or (650) 329-4554. We should have an organizational meeting in mid-April to talk about how we want to participate as a group. Even though the YCC is organizing this event, you do not need to be a younger chemist to participate.



Illustrating Nature

Did you ever wonder who creates the intricate and instructional drawings found in magazines like National Geographic or Scientific American? Some of the artists responsible for those illustrations are trained in Santa Cruz at UCSC's Scientific Illustration graduate program.

This year's exhibition features more than 60 elegant works depicting everything from microbes to mammals in watercolor, acrylic, pen and ink, colored pencil, graphite, and scratchboard. Illustrating Nature will be on exhibit May 5 through June 10 at the Santa Cruz City Museum of Natural History, 1305 East Cliff Drive, Santa Cruz. Museum hours are Tuesday through Friday, 10 a.m. to 5 p.m. In addition, the Museum of Natural History will host a "how-to" demonstration on May 19, between 10:00 a.m. and noon. You'll have a chance to meet these talented artists and learn first hand how they make their magic. The opening reception will be Friday, May 4 at 7:30 p.m. For more information call (831) 420-6115.

Illustrating Nature is co-sponsored by the Santa Cruz City Museum of Natural History, the Santa Cruz Museum Association, the Science Communication Program, University of California, Santa Cruz, and the American Chemical Society.

Contact Persons: Jenifer Lienau, Museum Curator (831) 420-6118
Ann Caudle, Science Illustration Program Coordinator (831) 459-4356

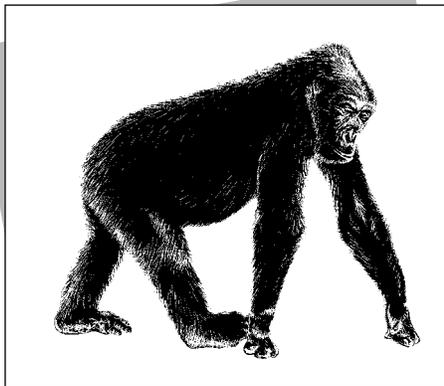


Illustration © 2000 by Jodi Wales

The American Chemical Society All the Elements for Success!

The ACS 125th Anniversary Honorary Committee and President Attila E. Pavlath are pleased to announce the winner of the slogan contest held in December 2000: "The American Chemical Society: All the Elements for Success!"

Steven J. Cooke contributed the winning slogan. For his contribution, Mr. Cooke will attend the ACS National Meeting in San Diego, California, April 1-5, 2001, as a guest of ACS President Attila E. Pavlath.

For more information: ACS 125th Anniversary, Room O-1009, 1155 16th St. NW, Washington, DC 20036 Phone: (800) 227-5558 Ext. 6070; fax: (202) 872-6338; e-mail: 125@acs.org.

Electronic Newsletter Notices

We have created an list server to notify our members when we place a new issue of the Silicon Valley Chemist newsletter on our web site. By joining this list you will receive notices about the newsletter in the form of an email with a couple of lines of text. You will not receive the newsletter, just a link to its location on our web site. Your email address will not be passed on to any other organization. To join, send an email to scvacs-newsletter-request@lists.best.com with "subscribe [email address]" in the body. That is, the word "subscribe" and your email address. You will receive a confirmation email which you must respond to. If you have any problems or questions, contact Ean Warren at (650) 329-4554 or ewarren@scvacs.org or visit <http://www.best.com/faq/bestserv/bestserv1.html>.

Science and the Congress

The American Chemical Society (ACS) is devoted to encouraging the enhancement of science and technology. Since 1995, the Society has operated congressional education programs to highlight the importance of science and technology to our national goals and to foster a better understanding of scientific issues. The Project's main program is a series of briefings covering science and environmental issues for members of Congress, their staffs, and others who are interested in science policy. The Project also publishes *The Risk Advisory*, a newsletter that provides current information on risk-related issues, such as risk management and risk assessment, to a largely non-technical audience. Additionally, in 1998 the Project began to publish a series of fact sheets, *Science in Focus*. Five have been published so far: Endocrine Disruptors, Chemical Weapons, Weighing Threats to Life and Health, Food Safety, and Evaluating Chemical Safety.

For more information, please visit www.acs.org/government/scproject/scpabout.html, call (202) 872-8725, or write to science_congress@acs.org.



Career Services Publishes Newsletter

ACS Department of Career Services has published in January 2001 "The Employer Speaks," a Professional & Workforce News newsletter that provides tips on the current job market for chemists. Brian Fowler, an executive with Elite Search, Inc., a Georgia-based recruiting firm, states in the publication that the job market for Ph.D.s is better today than in years. He also said salary offers for inexperienced BS chemistry graduates have increased to a level unprecedented in 20 years. For more information about the publication or other ACS Career Services products:

Phone: (800) 227-5558
email: careers@acs.org

WonderNet: An Educational Resource

The hands-on science activities in WonderNet are adapted from The Best of WonderScience, Volumes 1 and 2, the hands-on elementary school physical science activity books for teachers and students published by the Education Division of the American Chemical Society.

For a free sample of activities from The Best of WonderScience and ordering information, please visit <http://www.acs.org/wondernet/bestof/bestof.html>

Doing WonderNet activities with your children can be a fun and valuable at-home learning experience and can also compliment your child's science education in school.

The National Science Education (NSE) Standards encourage students to do science, not just to read or hear about it. Since science is a process, not just a collection of facts, students should be encouraged to do what scientists do: make predictions, design and modify experiments, make observations, and draw reasonable conclusions. WonderNet activities give students opportunities to engage in these processes.

This month's WonderNet activity is shown below.

Fun with Chemistry - Food Science

The three main nutrients in the food we eat are Fats, Carbohydrates, and Proteins. Vitamins and minerals are also important, but this WonderNet will focus on the three biggies - fats, carbohydrates, and proteins. With this food for thought, let's dig in!

The following activities are detailed on WonderNet at:

<http://www.acs.org/wondernet/>

Facts on Fat: Experiment to learn the different stats for different fats!

Proteins: Your Pro Team: Experience the strength and flexibility of nature's muscle maker!

Starch Search: If you're looking for starch, here's how to find it!

ACS Green Chemistry Program

Green chemistry is the design of chemical products and processes that reduce or eliminate the use and generation of hazardous substances. Green chemistry is environmentally benign, linking the design of chemical products and processes with their impacts on human health and the environment.

For more information see:

www.acs.org/education/greenchem/



High School Science Teaching Resources

The ACS offers a catalog of science teaching resources for science teachers at all levels. A few items of particular interest to high school teachers are listed at <http://www.acs.org/education/curriculum/teachres.html>.

The ACS catalog of science teaching resources includes a number of books, videotapes, CD-ROMs, and other products.

For a free catalog, email oss@acs.org. You may also go directly to the ACS Online Store <http://store.acs.org:1138> to order the items listed in the catalog. For questions about other ACS education products or services, e-mail education@acs.org. For information about exams, please contact the ACS DivCHED Exams Institute <http://tigerched.clemson.edu/exams/examinfo.html>.

CHEMPLOYMENT ABSTRACTS – APRIL 2001

CHEMPLOYMENT ABSTRACTS 3447

Position Title: Chemist

Job Description: Plan & conduct multi-step syntheses of target molecules to support the identification of drug candidates. Participate in development of technol platform. Present results both internally & to external collaborators.

QUALIFICATIONS DESIRED

Education: BS/MS with demonstrated abilities for synthetic organic chemistry

Experience: Excellent written & verbal communication skills are essential, & the ability to work as part of an interdisciplinary team.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City, Building facility in South San Francisco

Salary: Dependent on experience

Description of Employer: Privately held bio-pharmaceutical company

Application Instructions: Send resume CV, Cover letter & list of references to:
Sunesis Pharmaceuticals, Inc.
Attn: Deborah Kirk
Job #CA0900-ACS
3696 Haven Avenue, Suite C
Redwood City, CA 94063
FAX: 650-556-8808
Email: jobs@sunesis-pharma.com

CHEMPLOYMENT ABSTRACTS 3463

Position Title: Scientist/Sr. Scientist

Job Description: Develop economical & scalable chem processes of lead cpds to support preclinical, clinical & comm mfg. Prep intermediates, impurities & mat for tox studies as required. Responsible for transfer of processes to contract mfg; travel will be involved.

QUALIFICATIONS DESIRED

Education: PhD chem or related field

Experience: 4+ yrs Exp. significant exp in multi-step org chem syntheses. Exp in scale-up syntheses & purification desirable and understanding issues related to process development of pharm cpds. Exp in HPLC & other anal methods.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Competitive salary & benefits

Application Instructions: Send resume to:
IntraBiotics Pharmaceutical
2021 Stierlin Court
Mountain View, CA 94043
FAX: 650-969-0125
email: gmerutka@IntraBiotics.com

CHEMPLOYMENT ABSTRACTS 3464

Position Title: Manager/Asst. Director Process Development

Job Description: Day to day management of out-source API contract mfg. Develop & maintain proj timelines for process transfer, scale-up & GMP mfging. Manage supply schedule to meet forecasted needs. Contribute significantly to prep of reg filings. Some travel required.

QUALIFICATIONS DESIRED

Education: PhD Chem or related field +4+ yrs exp or MS with 10+ yrs exp.

Experience: Must have a general understanding of drug development & ability to prioritize multiple tasks. Program management exp in pharm environment a plus. Process validation & regulatory filing exp a plus. Excellent interpersonal, communication & organizational skills required.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Competitive salary & benefits

Application Instructions: Send resume to:
IntraBiotics Pharmaceutical
2021 Stierlin Court
Mountain View, CA 94043
FAX: 650-969-0125
email: gmerutka@IntraBiotics.com

CHEMPLOYMENT ABSTRACTS 3465

Position Title: Synthetic Organic Chemist(s)

Job Description: Responsible for the design, synthesis, purification & characterization of organic cpds to facilitate CellGate's efforts to rapidly commercialize innovative therapeutics. Will perform on milligram to multi-gram scale.

QUALIFICATIONS DESIRED

Education: BS/MS chem

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

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Competitive salary & benefits as well as an attractive employee stock option plan.
Description of Employer: Pharmaceutical company exploiting technology that enables intracellular delivery of therapeutics.

Application Instructions: Send cover letter & resume As Word attachment(s) to:
careers@cellgateinc.com
Drs. Paul Wender & Jonathan Rothbard
CellGate, Inc.
552 Del Rey Avenue
Sunnyvale, CA 94085-3528

CHEMPLOYMENT ABSTRACTS — APRIL 2001

CHEMPLOYMENT ABSTRACTS 3466

Position Title: Analytical, purification chemist

Job Description: Production with focus on peptide purification

QUALIFICATIONS DESIRED

Education: MS/MS/PhD org or analytical chemistry
Experience: At least one yr exp with both analytical & preparative HPLC, MS, & ion-chromatography. GMP knowledge desired.

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Competitive salary & benefits

Description of Employer: A leader in custom synthesis, commercializing peptides, organic synthesis and contracting R&D

Application Instructions: Send resume to:
American Peptide Company
777 E. Evelyn Ave
Sunnyvale, CA 94086
FAX: 408-733-7603
Email: hr@americanpeptide.com
(plain text, no attachment)

CHEMPLOYMENT ABSTRACTS 3467

Position Title: Medicinal, organic chemist

Job Description: perform peptide & org synthesis thru either solid or solution phase methods.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD, org or medicinal chem
Experience: At least 1 yr exp with both solid & soln phase peptide synthesis. Knowledge of building blocks, design or synthesis; exceptional communication & willingness on multiple tasks on a variety of projects.

LOCATION, SALARY, MAIL ADDRESS

Location: Sunnyvale
Salary: Competitive salary & benefits
Description of Employer: A leader in custom synthesis, commercializing peptides, organic synthesis and contracting R&D

Application Instructions: Send resume to:
American Peptide Company
777 E. Evelyn Ave
Sunnyvale, CA 94086
FAX: 408-733-7603
Email: hr@americanpeptide.com
(plain text, no attachment)

CHEMPLOYMENT ABSTRACTS 3468

Position Title: Associate Chemist

Job Description: Synthesis of new org 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 multi-disciplinary 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 3469

Position Title: Failure Analysis Engineer

Job Description: Provide Manufacturing support at multiple facilities & company-wide analytical services, & augment QC & development activities.

QUALIFICATIONS DESIRED

Education: BS/MS org/analytical chem
Experience: 4+ yrs performing failure analysis in a mfg environ, hands-on exp in GC/MS methods dev & spectral interpretation & statistical methods analysis.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Salary: Competitive salary & benefits
Description of Employer: Develops preeminent tool for acquiring,analyzing & managing complex genetic information.

Application Instructions: Send resume to:
Affymetrix HR,
Job Code SVC-AMH26
3380 Central Expressway
Santa Clara, CA 95051
FAX: 408-481-0422
Email: HR-proddeveeng@affymetrix.com

CHEMPLOYMENT ABSTRACTS 3470

Position Title: Chemist I

Job Description: Perform analyses of drug substances & drug products using spectroscopic & HPLC methods under cGMP regulations; material control & sampling.

QUALIFICATIONS DESIRED

Education: BA/BS chem or related field
Experience: 0-2 yrs pertinent lab exp. Exp in cGMP environment & with Chemstation software desirable. Computer fluency with Excel spreadsheet & Microsoft Word.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Competitive salary & benefits
Description of Employer: SRI Intl has been a leading independent R&D org in Silicon Valley for over 50 yrs. & continues to be committed to discovery & to application of science & technology for knowledge, commerce, prosperity & peace.

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

CHEMPLOYMENT ABSTRACTS 3471

Position Title: Chemist I/II (Analytical)

Job Description: Perform analyses on chem/drug substances for toxicol studies using primarily HPLC & spectroscopic methods; write anal protocols & repts; HPLC method development & validation; anal support for drug prods under cGMP requirements. Must be able to work under GLP regulatory environment & meet time line.

QUALIFICATIONS DESIRED

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

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Competitive salary & benefits
Description of Employer: SRI Intl has been a leading independent R&D org in Silicon Valley for over 50 yrs. & continues to be committed to discovery & to application of science & technology for knowledge, commerce, prosperity & peace.

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

CHEMPLOYMENT ABSTRACTS 3472

Position Title: Matls Development Group Leader

Job Description: Lead 4-5 engineers & Techs who invent & develop new heat tracing prods & processes & provide tech & enrgg support to sales & manufacturing. Primary focus on lab-based prod design, experimentation & application support working together with a wide variety of functions inside & outside the company.

QUALIFICATIONS DESIRED

Education: MS/PhD phy sci or enrgg
Experience: 5-10 yrs industrial product development with excellent communication skills in a team environment.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City
Description of Employer: Global leader & premier manufacturer of electrical heat tracing products

Application Instructions: Send resume to:
Director of Human Resources
Raychem HTS
Mail Stop 621/1A
300 Constitution Drive
Menlo Park, CA 94025
Email: RHTSHR@Raychemhts.com

CHEMPLOYMENT ABSTRACTS 3473

Position Title: Materials Engineer/Scientist

Job Description: Invent & Develop new heat tracing prods & processes & provide tech & enrgg support to sales & manufacturing. Primary focus will be hands-on lab based product design, experimentation, & application support.

QUALIFICATIONS DESIRED

Education: BS/MS phy sci or enrgg
Experience: 2 yrs industrial product development

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City
Description of Employer: Global leader & premier manufacturer of electrical heat tracing products

Application Instructions:
Send resume to:
Director of Human Resources
Raychem HTS
Mail Stop 621/1A
300 Constitution Drive
Menlo Park, CA 94025
Email: RHTSHR@Raychemhts.com

CHEMPLOYMENT ABSTRACTS 3474

Position Title: Research Associate - Analytical Chemistry

Job Description: Will be responsible for developing & applying tools to solve new problems in bio-analytical science, specifically the design & implementation of novel high thrupt technologies to identify improvements in pharmaceutical proteins & enzymes generated by directed evolution.

QUALIFICATIONS DESIRED

Education: BS/MS, analytical chem or relevant scientific discipline
Experience: At least 2 yrs industry or academic exp in validation of chromatog separations required. Exp in capillary electrophoresis, the derivatization of bio-molecules, org chem & protein chem helpful.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City
Salary: Commensurate with exp
Description of Employer: Leader in design, development & application of directed evolution technologies. See www.maxygen.com

Application Instructions: Send resume to:
Maxygen, Inc.
HR, Job Code NT-144
515 Galveston Drive
Redwood City, CA 94063
FAX: 650-298-5453
Email: jobs@maxygen.com

CHEMPLOYMENT ABSTRACTS 3475

Position Title: Research Associate/Chemistry (2 openings)

Job Description: Responsibilities are: Interpretation of spectroscopic data, Use of literature to solve synthetic problems, application of modern chromatog techniques for purification of synthetic targets.

QUALIFICATIONS DESIRED

Education: Experience: 2 yrs of academic or industrial exp in synthetic org chem. Thorough familiarity with HPLC & modern chem instrumentation is essential. Must be able to function as part of a coordinated team.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City
Salary: Competitive salary & benefits
Description of Employer: Discovery of small molecule drugs that bind to DNA or RNA to regulate gene expression or inactive pathogens.

Application Instructions: Send resume to:
Genelabs Technologies, Inc.
HR Dept., Job #2019-SV
505 Penobscot Drive
Redwood City, CA 94063
FAX: 650-363-6080
Email: hr@genelabs.com

CHEMPLOYMENT ABSTRACTS 3476

Position Title: Research Associate, Analytical Chemistry

Job Description: Organize, order & maintain a cpd library, draw chem structures for chem database, determine purity & confirm identity of cpds by HPLC, LCMS, NMR

QUALIFICATIONS DESIRED

Education: MS/MS org chem
Experience: 1-5 yrs exp in research labs using techniques for isolation & characterization of org cpds such as extraction, chromatog, HPLC, NMR & MS. Must be familiar with Excel, ISIS, Draw or Chemdraw software. Must have good organization & communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View
Salary: Competitive salary & benefits including options
Description of Employer: Drug discovery integrating genomic, cell, computational & molecular biology

Application Instructions: Send CV/resume with Code SVC-MLcct to:
Iconix Pharmaceuticals
850 Maude Avenue
Mountain View, CA 94043
FAX 650-567-5545
Email: hr@iconixpharm.com
www.iconixpharm.com

CHEMPLOYMENT ABSTRACTS 3477

Position Title: Assay Development - Research Associate

Job Description: Development, optimization & validation of prototype & commercial immunoassays for novel disease markers.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD, biochem, immunology, life sciences or related field
Experience: 2-5 yrs relevant industry exp. In-depth knowledge of clinical immunoassay development, optimization & validation. Exp with antibody screening, conjugation & serum based ELISA assays a plus. Ability to design exps & analyze data. Good written & oral communication skills + ability to work effectively in team setting.Strong computer skills including MS Word, Excel & a knowledge of statistics.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Salary: Competitive salary
Description of Employer: Develops & employs cutting edge bioinformatics tools which automate large-scale searches of genomics databases.

Application Instructions: Send resume to:
John Brandeau, Executive Recruiter
Email: john@stetrensmallberg.com
Please include 63acc in the email subject line.

CHEMPLOYMENT ABSTRACTS – APRIL 2001

CHEMPLOYMENT ABSTRACTS 3478

Position Title: Synthetic Organic Chemist

Job Description: Participate in target design planning within a team environment that is dynamic & productive. Will be involved in various target programs as well as encouraged to attend national meetings & seminars. Opportunities for publications & patents.

QUALIFICATIONS DESIRED

Education: BS/MS, chem or related field
Experience: 1-2 yrs exp in org synthesis exp in industry. An affinity for interpreting NMR's is necessary; combinatorial chem exp, and/or heterocyclic chem exp is a plus but not required. Excellent verbal & written communication skills, self-motivation & productivity as well as ability to multi-task.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Focused on discovery, development & commercialization of novel, small molecule drugs for treatment of cardiovascular diseases.

Application Instructions: Send resume with cover letter in MS Word compatible format to:
Cheryl Mock
cheryl@setrensallberg.com
Please include 53acs on email subject line.

CHEMPLOYMENT ABSTRACTS 3479

Position Title: Analytical Chemist Pharmaceutical Validation

Job Description: Will be involved in qualifying & validating analytical methods to meet FDA requirements for raw mats, excipients, drug substances & drug prods. Will also be involved in QC testing of raw mats, intermediates, bulk drug substance, excipients &/or finished drug prods.

QUALIFICATIONS DESIRED

Education: MS chem or related field
Experience: 2-4 yrs of relevant working exp. Min of 1 yr hands-on exp with HPLC or GC in CGMP environ required. Exp with methods validation is preferred. Strong anal chem skills & good wet chem tech are essential. Strong tech writing, verbal, interpersonal & problem solving skills are highly desirable. Exp in small molecule preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Discover, develop & commercial of novel, small mol drugs for treatment of cardiovascular diseases.

Application Instructions: Send resume with cover letter in MS Word compatible format to:
John Brandeau at john@setrensallberg.com.
Please include 48acs in email subject line.

CHEMPLOYMENT ABSTRACTS 3480

Position Title: Staff Scientists (2 positions)

Job Description: Responsible for designing, synthesizing & characterizing new drug candidates. Specifically, explore structure-activity relationships in a variety of therapeutic areas leading to drug candidates for pre-clinical development.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD org chem
Experience: At least 3 yrs industrial pharmaceutical exp, including strong org synthesis skills & spectral interpretation techniques. Excellent written & verbal communication skills, the ability to multitask & a commitment to teamwork will be crucial. Source Codes: 0848KF0101 and 0849KF0101

LOCATION, SALARY, MAIL ADDRESS

Location: Seattle
Salary: Competitive salary & benefits
Description of Employer: Research & development org with multiple late-scale prods

Application Instructions:
Send scannable resume with Source Code # in subject line of email to: icos@webhire.com
FAX: (Source code must appear on cover letter)
1-800-283-8271
www.icos.com

CHEMPLOYMENT ABSTRACTS 3481

Position Title: Senior Staff Scientist, Process Chem Outsourcing Specialist

Job Description: Will coordinate & manage GLP/GMP outsourcing activities at contract drug mfg sites. Duties include sourcing raw mats, setting up contracts, & transferring technology. Also will coordinate with Regulatory, QA & Clinical teams on special projects & maintain clinical development mat/samples. You will be expected to contribute to at least one NDA submission & that you are familiar with CMC issues required for IND & NDA submissions.

QUALIFICATIONS DESIRED

Education: degree in org chem
Experience: 10+ yrs working exp in pharmaceutical process chem environment are desired. Excellent presentation, organizational, written/verbal skills will be expected. Some travel may be required. Source Code 0850KF0101

LOCATION, SALARY, MAIL ADDRESS

Location: Seattle
Salary: Competitive salary & benefits
Description of Employer: Research & development org with multiple late-scale prods

Application Instructions:
Send scannable resume with Source Code # in subject line of email to: icos@webhire.com
FAX: (Source code must appear on cover letter)
1-800-283-8271
www.icos.com

CHEMPLOYMENT ABSTRACTS 3482

Position Title: Research Scientist I/II Research Associate I/II/III Chem Development/Radio Chem

Job Description: Working in a team, carry out process res activities for discovery of safe, economical synthetic routes to exp Active Pharmaceutical Ingredients (API). Carry out scale-up activities (large glassware & pilot plant equipment to produce batches of APIs per GMP guidelines.

QUALIFICATIONS DESIRED

Education: Research Scientist:
PhD or equivalent in org chem; MS with 5 yrs exp; BS with 10 yrs exp. Job Code: 4172-ACS Research Associate: BS or equivalent, org chem & 10 yrs exp as above. Job Code 4167-ACS
Experience: Knowledge of synthetic org chem & bench scale lab skills required. Job Code: 4172-ACS

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Established product line & a healthy pipeline of innovative products

Application Instructions: Send resume with appropriate job code to: Email: paloalto.hr_staffing@roche.com
Roche Bioscience, A2-HR
3401 Hillview Avenue
Palo Alto, CA 94304 FAX: 650-424-8159
www.roche.com/bioscience

CHEMPLOYMENT ABSTRACTS 3483

Position Title: Research Associate, Organic Chemistry

Job Description: Responsible for design, synthesis, purification & characterization of organic compounds to facilitate ACLARA's effort to rapidly commercialize innovative products.

QUALIFICATIONS DESIRED

Education: BS/MS in chemistry
Experience: Academic or industrial experience in organic synthesis
Location, Salary, Mail Address:
Location: Mountain View
Salary: Competitive salary & benefits
Description of Employer: Develops microfluidics array technologies, often referred to as "lab-on-a-chip" systems, for genomic applications and high-throughput pharmaceutical drug screening

Application Instructions: Send resume and cover letter to:
ACLARA BioSciences, Inc.
Attn: Hasan Tahir, Ph.D.
1288 Pear Avenue
Mountain View, CA 94043
FAX: 650-210-1210
E-mail: htahir@aclara.com

CHEMPLOYMENT ABSTRACTS 3484

Position Title: Synthetic Organic Chemist Biochip Department

Job Description: Responsible for executing & conducting synthesis of variety of novel org substances for biochip microarrays fabrication & protein assays. Develop a std operational procedures for novel derivatives & multifunctional reagents using broad range of functional groups, develop & implement methods for purification including polymer derivatives. Participate & lead dynamic proj teams.

QUALIFICATIONS DESIRED

Education: BS/MS, org chem
Experience: related academic and/or industrial exp, ability to perform in diverse interdisciplinary environment. Knowledge of NMR, chromatog & other identification analytical techniques is desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary & benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions:
Send resume, cover letter and three references to:
Email: kmeyer@lumicyte.com
FAX: 650-625-1776
Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3485

Position Title: Protein Separation Scientist Protein Chemistry

Job Description: Responsible for developing & implementing of affinity chromatography strategies for protein separation on high-density biochip arrays surfaces. Also responsible for developing & evaluating of biochip functional performance using liquid-handling robotics laser mass spect for protein analysis. Participate & lead dynamic proj teams for solving client problems using utility-driven discovery mission of LumiCyte

QUALIFICATIONS DESIRED

Education: PhD, protein chem and/or related fields
Experience: Relevant industrial and academic exp. Hands-on expertise in protein separation & bioconjugate chem, ability to perform in diverse interdisciplinary environment. Familiarity with design of experiments (DOE) is a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary & benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions: Send resume, cover letter and three references to:
Email: kmeyer@lumicyte.com
FAX: 650-625-1776 Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3486

Position Title: Production Chemist

Job Description: As part of the Biochip production group, responsible for executing microarray std operational procedures for the production of BioChips, maintaining lab function & chemicals supplies inventory.

QUALIFICATIONS DESIRED

Education: BS/MS, org chem, preferably surface org & polymer chem.
Experience: Few years industrial lab exp. Ability to perform in diverse interdisciplinary environment. Knowledge of one or more instruments for surface QC analysis, with laser mass spect exp preferred. Familiarity with design of exp (DOE) is a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary & benefits & stock options
Description of Employer: Interdisciplinary bio-informatics company

Application Instructions: Send resume, cover letter and three references to:
Email: kmeyer@lumicyte.com
FAX: 650-625-1776
Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3487

Position Title: Research Associate, Medicinal Chemistry

Job Description: Provide new chemical entities for evaluation in drug discovery projects. Carry out synthetic procedures, purify prods & interpret data to support proposed structure.

QUALIFICATIONS DESIRED

Education: BS/MS synthetic org chem
Experience: 1-5 yrs exp, including exp in synthesis, purification & analysis of org molecules.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Innovator in human pharmaceutical research

Application Instructions: Send resume to:
Roche Pharmaceuticals
Job Code RBS2384-JBM
3401 Hillview Avenue, A2-HR
Palo Alto, CA 94304
FAX: 650-424-8159
Email:
paloalto.hr_staffing@roche.com

CHEMPLOYMENT ABSTRACTS 3488

Position Title: Analytical Chemist

Job Description: Perform chemical analysis using HPLC and wet chemistry techniques & provide timely support of chem manufacturing activities.

QUALIFICATIONS DESIRED

Education: MS/PhD chem
Experience: 2+ yrs industry exp in analytical chemistry. Strong HPLC exp required & LC-MS exp desirable. Should be efficient in word processing and spreadsheets.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Discovery of new drugs from natural sources for diabetes, inflammation & allergic diseases.

Application Instructions: Send resume & cover letter to:
HR Manager
Calyx Therapeutics Inc.
3513 Breakwater Avenue
Hayward, CA 94545
FAX: 510-780-1025
Email: cweber@calyxti.com

CHEMPLOYMENT ABSTRACTS 3489

Position Title: Medicinal/Synthetic Organic Chemist

Job Description: Design/synthesize novel org molecules as drug candidates, interact with biologists & pharmacologists on project teams, & utilize bioassay results to expedite drug discovery process.

QUALIFICATIONS DESIRED

Education: PhD org chem
Experience: 0-5 yrs post doctoral exp in org synthesis or equiv., & excellent skills in spectroscopic (NMR, MS) & separation (HPLC, flash chromatog) methods. Excellent interpersonal & problem-solving skills are essential. Exp with natural/ parallel synthesis a plus.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward
Salary: Competitive salary & benefits
Description of Employer: Discovery of new drugs from natural sources for diabetes, inflammation & allergic diseases.

Application Instructions: Send resume & cover letter to:
HR Manager
Calyx Therapeutics Inc.
3513 Breakwater Avenue
Hayward, CA 94545
FAX: 510-780-1025
Email: cweber@calyxti.com

CHEMPLOYMENT ABSTRACTS 3490

Position Title: Laboratory Technician

Job Description: Perform general Lab procedures. Part time or full time

QUALIFICATIONS DESIRED

Education: BA/BS science

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward

Salary: Competitive salary & benefits

Description of Employer: Discovery of new drugs from natural sources for diabetes, inflammation & allergic diseases.

Application Instructions: Send resume & cover letter to:

HR Manager
Calyx Therapeutics Inc.
3513 Breakwater Avenue
Hayward, CA 94545
FAX: 510-780-1025
Email: cweber@calyxti.com

CHEMPLOYMENT ABSTRACTS 3491

Position Title: Scientist/Sr. Scientist Stability and GMP

Job Description: Drug substances and drug product stability testing related activities, including protocol writing; contract lab selection/monitoring; stability data review; database management, stability report writing, analytical method transfer; analytical SOP writing & regulatory document controls; review of notebooks & lab data to ensure regulatory compliance.

QUALIFICATIONS DESIRED

Education: BS/MS or PhD, chem, pharmaceutical science or related field

Experience: 5-7+ yrs of pharmaceutical exp

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary & benefits

Description of Employer: Developer of small molecule drugs

Application Instructions: Send resume to:

Sugen, Inc.
HR Department
Attn: Job Code:
PG50397ACS-MT
230 East Grand Avenue
South San Francisco, CA 94080
FAX: 650-837-3301
email: jobs@sugen.com
(MS Word document only, please)

CHEMPLOYMENT ABSTRACTS 3492

Position Title: Analytical Chemist

Job Description: Analytical related activities, including method development/validation, GLP/GMP compliance, & contract or affiliated lab monitoring in support product development projects.

QUALIFICATIONS DESIRED

Education: BS/MS or PhD, chem, pharmaceutical science or related field

Experience: 1-2 yrs exp with pharmaceutical analytical method development.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary & benefits

Description of Employer: Developer of small molecule drugs

Application Instructions: Send resume to:

Sugen, Inc.
HR Department
Attn: Job Code:
PG50389ACS-MT
230 East Grand Avenue
South San Francisco, CA
FAX: 650-837-3301
email: jobs@sugen.com
(MS Word document only, please)

CHEMPLOYMENT ABSTRACTS 3493

Position Title: Research Associate, Preformulation Chemist

Job Description: Evaluate the physical/chemical properties of new drug candidates relevant to formulation development, including crystallinity, solid state & solution stability/solubility in pharmaceutically acceptable vehicles. Will also perform formulation support of basic in vivo studies.

QUALIFICATIONS DESIRED

Education: BS chem with 3 yrs exp or MS with 1 yr exp.

Experience: Background must demonstrate an understanding of fundamentals of physical-organic chem and/or pharmaceuticals; exp with pharmaceutical analysis highly desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco

Salary: Competitive salary & benefits, including 401(k).

Description of Employer: Using proprietary drug discovery to build a major, fully integrated pharmaceutical company.

Application Instructions: Send CV/resume, indicating

Job Code: 01-188 to:
Advanced Medicine, Human Resources
901 Gateway Blvd., South San Francisco, CA 94080
Email: resume@advmedicine.com
FAX: 650-808-6121
www.advmedicine.com

CHEMPLOYMENT ABSTRACTS 3494

Position Title: Research Associate, Chemistry

Job Description: Plan & conduct syntheses of org molecules from a wide variety of structural types, including heterocyclic systems & peptides.

QUALIFICATIONS DESIRED

Education: BS/MS chemistry

Experience: 2 yrs exp. Familiarity with HPLC & modern chem instrumentation are a must, as is the ability to work & excel as part of a well coordinated team.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City

Salary: Competitive salary & benefits

Description of Employer: Discovery of small molecule drugs that bind to DNA or RNA to regulate gene expression or inactivate pathogens.

Application Instructions: Send resume to:

Genelabs Technologies, Inc.
HR Dept., Job#0107-SV
505 Penobscot Drive
Redwood City, CA 94063
FAX: 650-363-6080
Email: hr@genelabs.com

CHEMPLOYMENT ABSTRACTS 3495

Position Title: Research Associate, Mass Spectrometry

Job Description: Provide routine ms service for diverse small org cpds submitted by synthetic chemists. Perform routine proc of sample prep, ESI-MS instrument operation & mass spect anal of synthetic cpds & assist in development, validation & execution of HPLC & LC-MS methods to provide bioanal support for drug metabolism studies.

QUALIFICATIONS DESIRED

Education: BS/MS anal or pharm chem or related discipline.

Experience: 1-3 yrs exp in ESI-MS, HPLC or LC-MS & familiarity with MALDI-MS & practical knowledge of sample extraction, isolation & identification of metabolites, in biol sample are desired but not necessary. Good communication skills & ability to work in a team environ.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City

Salary: Competitive salary & benefits

Description of Employer: Discovery of small molecule drugs that bind to DNA or RNA to regulate gene expression or inactivate pathogens.

Application Instructions: Send resume to:

Genelabs Technologies, Inc.
HR Dept., Job#0110-SV
505 Penobscot Drive, Redwood City, CA 94063
FAX: 650-363-6080 Email: hr@genelabs.com

**EMPLOYMENT HELP
IN OTHER AREAS
OF CALIFORNIA**

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

California Section

Ms Holly Kreuter
American Chemical Society
California Section
2140 Shattuck Avenue, Rm 1101
Berkeley, CA 94704
925-287-8055
e-mail: office@calacs.org

California Los Padres Section

Dr. Sandra Lamb
Chemistry Dept.
University of California,
Santa Barbara
Santa Barbara, CA 93106-9510
e-mail: lamb@chem.ucsb.edu

Mojave Desert Section

Dr. Peter Zarras
NAWCWD, Code 4T4220D
1 Administration Circle
China Lake, CA 93555
760-939-1396
e-mail: zarrasp@navair.navy.mil

Orange County Section

Geoff Anderson
Hycor Biomedical
78272 Chapman Avenue
Garden Grove, CA 92641
714-895-9558
Ron Denedour
23731 Coronel Drive
Mission Viejo, CA 92691-3306

Sacramento Section

John R. Bingham
809 W. Stadium Lane
Sacramento, CA 95209
916-927-7088
916-927-7006 FAX

San Diego Section

Renate Valois
619-260-4513
619-260-2211 FAX
e-mail: pascal@acusd.edu

San 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

Happy
Easter





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

Non-Profit
Organization
U.S. Postage
PAID
Permit No. 344
Palo Alto, CA

APRIL 2001 NEWSLETTER TOPICS:

Student Affiliates Program
Chair's Message
Harry S. Mosher
Harry and Carol Mosher Award
Calling All Runners
Illustrating Nature
The American Chemical Society: All the Elements for Success
Electronic Newsletter Notices
Science and the Congress
Career Services Publishes Newsletter
WonderNet: An Educational Resource
Fun with Chemistry - Food Science
ACS Green Chemistry Program
High School Science Teaching Resources

CHEMPLOYMENT ABSTRACTS

SANTA CLARA VALLEY SECTION

2001 SECTION OFFICERS

Chair	Sally Peters	650-812-4994
Chair-Elect	Jon Touster	650-723-4340
Secretary	Karl Marhenke	831-479-6263
Treasurer	Hong Gao	650-564-5197
Past-Chair	Ean Warren	650-329-4554

Councilors

1999-01	Herb Silber	408-924-4954
2000-02	Maureen Scharberg	408-924-4966
2000-02	John F. Riley	650-328-4036
2000-02	Ean Warren	650-329-4554
2001-03	Linda Brunauer	408-554-6947
2001-03	Bonnie Charpentier	650-354-2344
2001-03	Sally Peters	650-812-4994

Alternate Councilors

1999-01	Peter Rusch	650-948-0237
1999-01	Jon Touster	650-723-4340
2000-02	Roy Okuda	408-924-2525
2000-02	Donna Drogos	408-265-2600
2000-02	Lance Wong	650-829-1148
2001-03	George Lechner	408-226-7262
2001-03	Howard Peters	650-324-1677

Newsletter Editor

Steven Colby 650-812-3424
e-mail: scolby@carr-ferrell.com

FUTURE MEETINGS

Apr 1-5	National ACS Meeting
Apr 4	Luncheon Commemorating the 100th Anniversary of the California Section
Apr 11	Executive Committee
Apr 19	SJSU Dinner Meeting University Club
Apr 21	Chemistry Olympiad National Test
May 4 - Jun 19	Illustrating Nature Exhibit Santa Cruz
May 6-10	Intel ISEF
May 24	Nanotechnology <i>Dr. Ralph Merke</i>
Jul 21	Annual Wine Tasting and Award
Aug 26-30	National ACS Meeting Chicago, IL

CHEMPLOYMENT ABSTRACTS

Shirley B. Radding, Director
Phone: 408-246-2564 FAX: 408-296-8625
e-mail: sradding@att.net



Printed on
recycled paper.