

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 24 No. 3

April Dinner Meeting: Potential Environmental and Health Risks of Genetically Modified Crops

Abstract

Recent polls have found that nearly half of all Americans have never even heard of genetically modified (GM) crops. Yet Americans are consuming GM foods every day. In fact, farmers have rapidly adopted GM crop varieties: US acreage devoted to GM crops rose from about 8 million acres in 1996 to about 76 million acres in 2000. I will discuss the types of GM crops currently being grown on a commercial scale, what types of GM crops we might see in the near future, the potential threats to human health



and the environment, and how the US government is working to assess those risks. I will not argue that GM crops do in fact represent some terrible risk, but rather that it is not irrational to consider whether they might

entail risks. Given this, we should test for risks in a rigorous and informative way. It is important to raise awareness about food safety and the environmental safety of food production, not to create panic or hysteria, but rather to be sure that our government is being vigilant on our behalves.

continued on next page

Reminder March Dinner Meeting

At our monthly dinner meeting on the 21st, Dr. David Rakestraw will be presenting "Microscale Chemical Analysis: Can We Make a Laboratory on a Chip?", sensors for Chemical and Biological Agents. We are holding the meeting at the Biltmore Hotel & Suites in Santa Clara (408-988-8411); social hour at 6:00 pm, dinner at 7:00 pm, and the presentation at 8:00 pm. For up-to-date information and reservations, please visit our website www.scvacs.org or contact Shirley Radding (Telephone: 408-246-2564, Fax: 408-296-8625) by **March 18th**.

Chair's Message

When I first saw models illustrating the shapes of molecules and the various standard hybridizations of carbon, I got a vague feeling that I had seen it all before, in early childhood. I recalled having a stuffed toy that looked like a tetrahedral carbon with four sp^3 hybrid orbitals coming off it. Whatever the toy's exact shape, I was surprised to remember it and even more surprised how relevant it had been. I certainly felt comfortable with the three dimensional aspects of hybrid orbitals and I think that the toy had helped.

What I like about this memory is that playing with a simple toy helped prepare me for concepts that I wouldn't encounter for 15 years. I doubt my parents knew of the toy's

continued on next page

April Dinner Meeting

Date: April 18, 2002

Time: 6:00-6:30 pm Reception
6:30-8:00 pm Dinner
8:00-9:00 pm Presentation

Location of reception and dinner:

Santa Clara University
Arts and Sciences Building Foyer

Location of presentation:

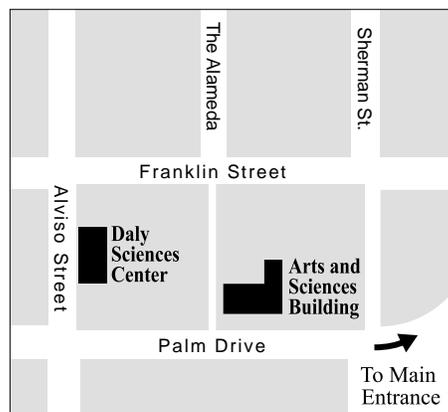
Santa Clara University
Daly Science Center

Speaker: Dr. Michelle Marvier
Santa Clara University

Cost: \$25.00 for an Italian buffet dinner featuring: mediterranean antipasto board, Italian bitter green salad, pesto grilled chicken breast, lasagna florentine (vegetarian), amaretto cheesecake, assorted soft beverages, and garlic bread.

Reservations: Shirley Radding
408-246-2564
408-296-8625 Fax
www.scvacs.org

Reservations should be made by April 15th; stating your name, company affiliation, number of people in the party and the meal preference.



Biography

Dr. Michelle Marvier received her undergraduate degree in Biology from Santa Clara University and her Ph.D. in ecology at UC Santa Cruz. Her post-doctoral fellowship was at University of Washington. Currently, Dr. Marvier is an Assistant Professor of Biology at Santa Clara University. Her research interests include risk assessment of GM crops and population biology of threatened species.



A Message from the Chair-Elect 2002 Western Regional Outstanding High School Chemistry Teacher Award

I am pleased to announce that Mr. Gareth Wong, an exemplary high school chemistry teacher at Homestead High School in Cupertino, has received the 2002 ACS Western Region Outstanding High School Chemistry Teaching Award. He will now compete nationally for the 2003 James Bryant Conant Award in High School Chemistry Teaching. Since there is no 2002 Western Regional Meeting, the ACS-SCV Section will present his award to him at a special luncheon at the University Club at San Jose State University on Saturday, October 19, 2002. Prior to this award luncheon, there will be a special symposium, "Celebrating Excellence in Teaching High School

Chemistry" for high school chemistry teachers.

Note: If you know of an outstanding high school chemistry teacher and would like assistance nominating him/her for the Western Region Outstanding High School Chemistry Teacher Award, please contact me.

Dinner Speaker Suggestions Requested: Your ACS-SCV Program Committee met on Tuesday, January 22, 2002 to begin planning our monthly dinner speakers and events through mid-2003. Now is the time to send your suggestions for dinner speakers to me at my e-mail address, "scharbrg@pacbell.net".

Maureen Scharberg

Chair's Message, continued from front page

geometric significance when they got it, it was just a fun toy. Years later, I wondered if I could recreate this kind of experience for my nephew. He was 2 years old, and I looked for a toy with hidden educational content. In the late 1960's, my folks had bought many toys, possibly even my 'stuffed carbon atom', from an outfit called Creative Playthings. When I started looking for a toy for my nephew, that company was out of business. However, there were plenty of educational toy stores, like the ones affiliated with PBS stations. But I had a hard time finding what I wanted. Many of the educational toys required adult supervision, others came with multiple-page instruction manuals- not good for passive learning through play. I decided to take a more direct approach. I bought my nephew a periodic table place mat.

He has used it for several years. I'm not sure it will make him want to be a chemist, but I hope when and if he takes chemistry he will feel comfortable with the periodic table. More recently, before my wife and I had our first child, I went out and bought a number of 'make your baby a genius' books. The basic theme was that one could conduct educational exercises with a baby during 'free moments' - on the changing table, in the car, in the crib after a nap, etc. It didn't take me long to realize that such a regime would pack a day full of structured educational play, exhausting all participants. When would the baby have time to suck her toes, to contemplate her hands? By the time my daughter was born, I had given up my grand plans of making her a genius.

But a friend of my wife brought

things full circle. She sent us a rattle for the baby, a tetrahedral rattle. She has no scientific background and I doubt that she understood the toy's secret educational value. I kind of like that, and my daughter certainly likes the rattle.

I'd like to remind you that we have an exciting dinner meeting this month, with David Rakestraw discussing chemistry on a chip (see the front page for details). Also, if you are interested, you are welcome to attend the monthly executive committee meetings where we hear committee reports, discuss section activities, and plan events. Check out the most recent ExComm minutes on our web site (www.scvacs.org) to see what goes on, and to learn when and where the next meeting will be held.

Jon

Call for Nominations

The Harry and Carol Mosher Award

The award was established in 1980 by the Santa Clara Valley Section of the ACS to (1) recognize and encourage outstanding work in chemistry; (2) advance chemistry as a profession; and (3) recognize service to the American Chemical Society. The award is named for the late Professor Dr. Harry S. Mosher of Stanford University, Palo Alto, California and Dr. Carol W. Mosher of SRI International, Menlo Park, California, husband and wife, charter members and long-time supporters of this section.

The first scientists to receive this award were Doctors Harry and Carol Mosher in recognition of the inspiration of their example. The committee noted that the Moshers,

including a brother, Dr. William A. Mosher, also a chemist and former Chairman of the Department of Chemistry at the University of Delaware, are outstanding examples of the qualities to be recognized and honored by this award.

Any scientist residing in the United States who is a member of the ACS is eligible to be nominated for the Mosher Award. Five copies of the nomination, including printed materials (reprints) should be furnished for distribution to the award Selection Committee. The award is presented on the third week of January of the following year. It consists of a commemorative plaque, a \$2,000 honorarium, and traveling and lodging expenses for

two for the day the award is presented. The nomination and its accompanying material must be sent to Award committee by May 31.

Chair

the Mosher Award Committee

Santa Clara Valley Section
American Chemical Society
P.O. Box 395
Palo Alto, California 94302



Happy St. Patrick's Day



OTTENBERG SERVICE AWARD 2002 CALL FOR NOMINATIONS

It is time to nominate candidates for the Abraham Ottenberg Service Award of the Santa Clara Valley Section.

This Award was established in 1973 by the Santa Clara Valley Section to recognize members who have rendered outstanding service to the Section. It is named after Abraham Ottenberg, a former member who devoted much of himself to service to the Section. The award consists of an engraved plaque and an honorarium for two hundred dollars. The award recipient is selected from candidates nominated by members of the Section. Nominees must be members or affiliates of the Santa Clara Valley Section.

Previous recipients are: Shirley B. Radding (1974), Oliver F. Senn (1975), Floyd M. Hobbs (1976), Frank R. Mayo (1977), Harry S. Mosher (1978), Lois J. Durham (1979), Richard W. Gaver (1980), Alan C. Ling (1982), Ludwig A. Mayer (1983), John F. Riley (1983), Howard M. Peters (1984), June G. Jones (1986), Robert L. Montoya (1986), Malcolm Dole (1987), Donald E. Green (1991), Hubert E. Dubb (1992), Karl Marhenke (1993), Stephen N. Senzer (1994), Carol W. Mosher (1995), Bonnie Charpentier (1998), Linda Brunauer (1999), Herbert B. Silber (2000), and Sally Peters (2001).

The nominating letter should include a brief biography of the candidate and a description or evaluation of the service(s) to be recognized by the award. Seconding nominations are not required but will be accepted.

Nominations should be sent to:

Chairman, Ottenberg Award Committee

Santa Clara Valley Section, ACS
P. O. Box 395
Palo Alto, CA 94302

Nominations must be received by **May 24, 2002** to be considered for the 2002 award.

Grand Opening The W.M. Keck Facility for Chemical Research

San Jose State University
Friday, April 5, 2002

Grand Opening Program

Time: 1:30pm

Location: Washington Square Hall

Keynote Address

Professor Richard Zare

Stanford University

Ribbon Cutting, Reception and Facility Tour

Time: 3:00pm

Location: Duncan Hall basement level

This lecture is free and open to the public. The seminar room is wheelchair accessible - any other special accommodations should be requested by March 30, 2002 at the contact number below.

A campus map and directions may be found on the SJSU website at www.sjsu.edu. Parking is available in the 7th Street Garage (\$2 fee). If you need more information, contact Roy Okuda at 408-924-2525 or by email: okuda@sjsu.edu.

CHEMPLOYMENT ABSTRACTS – MARCH 2002

CHEMPLOYMENT ABSTRACTS 3598

Position Title: Chemist III/Sr. Chemist/Chem Engineer

Job Description: Using established QC procedures, test raw mats, intermediates & finished products in support of research & product development activities & accurately document results within cGMP & SOP requirements. Take part in designing/improving methods, act as tech liaison with multiple proj groups, develop/validate analytical methods & qualify instruments. Focus on phys prop of mats, specifically particle size, thermal mech analysis & rheology.

QUALIFICATIONS DESIRED

Education: BS/MS chem, matl sci, chem engrg
Experience: 8-10 yrs exp in pharm or other GMP/GLP industry. Hands-on exp in use of particle size & thermal-mech analyzers, rheometers, & tensile testers, instrument qual, & method validation exp in GMP/GLP environment. In team environment, should be detail-oriented & able to handle multiple projs with min supervision & tight deadlines

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Application Instructions: Send resume indicating Job Code 01468-ACS to:
Alza Corporation, HR Dept.
1900 Charleston Road, P.O. Box 7210
Mountain View, CA 94039-7210
FAX: 650-564-5656
Email: jobs@alza.com (ASCII files only)

CHEMPLOYMENT ABSTRACTS 3599

Position Title: Associate Scientist

Job Description: Will perform & interpret Quantitative analysis for various drugs that will include total loading & dissolution profile; perform stability testing for drug coated stent; & maintain laboratory notebook to document all data.

QUALIFICATIONS DESIRED

Education: BS chem
Experience: 3+ yrs exp in an FDA regulated industrial pharmaceutical lab; hands-on exp with HPLC, UV/VIS, FTIR & dissolution testing.

LOCATION, SALARY, MAIL ADDRESS

Location: Temecula, CA
Description of Employer: Guidant Corporation researches, manufactures & markets systems for cardiac rhythm management, vascular intervention & cardiac/vascular surgery worldwide

Application Instructions: To be considered for this opportunity, please visit:
www.guidant.com/careers

CHEMPLOYMENT ABSTRACTS 3600

Position Title: Analytical Chemistry Group Leader

Job Description: Supervise chemists in analysis of drug products & raw materials for product release & stability assessment.

QUALIFICATIONS DESIRED

Education: BS chem, biochem or related field
Experience: 10+ yrs exp in an FDA regulated industrial pharmaceutical lab; & extensive exp with pharmaceutical analysis, especially HPLC, UV/Vis, FTIR & dissolution testing.

LOCATION, SALARY, MAIL ADDRESS

Location: Temecula, CA
Description of Employer: Guidant Corporation researches, manufactures & markets systems for cardiac rhythm management, vascular intervention & cardiac/vascular surgery worldwide

Application Instructions: To be considered for this opportunity, please visit:
www.guidant.com/careers

CHEMPLOYMENT ABSTRACTS 3601

Position Title: Scientists/Research Associates Synthetic Org/Medicinal Chem

Job Description: Apply synthetic org, medicinal, process, combinatorial & computational chem to discover new drug candidates; design/synthesize org cpds & combinatorial libraries for evaluation as part of continuing research process.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD chem
Experience: 1-5 yrs industry exp; active experimentalists & eager to work in an integrated, multidisciplinary drug discovery environment. Exp in multistep synthetic org, combinatorial, process or medicinal chem. Use of NMR, IR, MS, HPLC & routine cpd isolation & characterization methodology; record of accomplishment.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Description of Employer: ChemRx, a division of Discovery Partners Intl, is a world leader in design & production of innovative combinatorial chem & high-output medicinal chem.

Application Instructions: Send resume to:
Email: hr@chemrx.com
refer to job code SF02-ACH-ACS

CHEMPLOYMENT ABSTRACTS 3602

Position Title: Process Chemist (SRA)

Job Description: responsible to work with a senior scientist to establish lab setup & functions. Requires substantial interaction with multidisciplinary teams.

QUALIFICATIONS DESIRED

Education: BS/MS org chem
Experience: 5+ yrs post degree exp in proc res or scale-up ("kilo") lab, preferably in pharmaceutical industry. Org chem proficiency with a mechanistic understanding of modern syn chem reactions, scale-up issues & characterization techniques required (NMR, MS, HPLC, crystallization & chiral purity evaluation. GMP facility exp desirable.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive
Description of Employer: From our well-documented advances in neurology & pain management to our pioneering development of an Alzheimer's vaccine, to channeling the strength of an internationally growing company into biopharmaceutical innovation.

Application Instructions: For immediate consideration, please email your resume, indicating Job Code 50510046-ACS to elanpharma@rpc.webhire.com or FAX:attn: elan at 800-295-2479
Elan Biopharmaceuticals Group
700 Gateway Blvd
South San Francisco, CA 94080

CHEMPLOYMENT ABSTRACTS 3603

Position Title: Analytical Chemist (SRA/Assoc Scientist)

Job Description: Primary responsibility is to fully support the Company's medicinal chem effort thru analytical HPLC methods & preparative HPLC separation of small molecules

QUALIFICATIONS DESIRED

Education: BS, MS, PhD
Experience: Appropriate exp & excellent understanding of modern chromatographic separations. Org chem background & application of HPLC or other methods to detn phys properties of cpds preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive
Description of Employer: From our well-documented advances in neurology & pain management to our pioneering development of an Alzheimer's vaccine, to channeling the strength of an internationally growing company into biopharmaceutical innovation.

Application Instructions: For immediate consideration, please email your resume, indicating Job Code 50510030-ACS to elanpharma@rpc.webhire.com or FAX:attn: elan at 800-295-2479
Elan Biopharmaceuticals Group
700 Gateway Blvd
South San Francisco, CA 94080

CHEMPLOYMENT ABSTRACTS 3604

Position Title: Research Associate

Job Description: Perform biological & analytical tests associated with in vitro ADMET screens. Also assist in data reporting & instrument maintenance/trouble-shooting.

QUALIFICATIONS DESIRED

Education: BS/MS in life sciences discipline
Experience: 2-5 yrs exp in anal, pharma, biol sciences or relate field. Extensive HPLC method development & LC/MS coupled with a high degree of computer & data-handling exp. Electrospray MS, high thruput instrumentation & bio-anal methods desirable. Lab methods involving live cells & cellular fractions/extracts & chromatog methodology required; plus strong oral & written communications.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive
Description of Employer: Advances in neurology & pain management to our pioneering development of an Alzheimer's vaccine, to channeling the strength of a growing company into bio-pharma innovation.

Application Instructions: For immediate consideration, please email your resume, indicating Job Code 50520062-ACS to elanpharma@rpc.webhire.com or FAX:attn: elan at 800-295-2479
Elan Biopharmaceuticals Group
700 Gateway Blvd, South San Francisco, CA 94080

CHEMPLOYMENT ABSTRACTS 3605

Position Title: Research Assistant

Job Description: Perform biol & anal tests associated with in vitro ADMET screens. Responsible for cell culture maintenance & analysis of samples using HPLC & LC/MS.

QUALIFICATIONS DESIRED

Education: BS/MS with 0-2 yrs exp in chem, biol or related phys sci.
Experience: Computer exp in data handling & reporting; aseptic techniques & mammalian cell culture; chromatographic techniques.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Competitive
Description of Employer: Advances in neurology & pain management to our pioneering development of an Alzheimer's vaccine, to channeling the strength of a growing company into bio-pharma innovation.

Application Instructions: For immediate consideration, please email your resume, indicating Job Code 50520001-ACS to elanpharma@rpc.webhire.com or FAX:attn: elan at 800-295-2479
Elan Biopharmaceuticals Group
700 Gateway Blvd
South San Francisco, CA 94080

CHEMPLOYMENT ABSTRACTS 3606

Position Title: Associate Chemist

Job Description: Synthesis of new organic cpds to be evaluated as antimicrobial agents.

QUALIFICATIONS DESIRED

Education: BS/BA or MS/MA 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: Job Code 808-MCA
Essential Therapeutics
850 Maude Avenue
Mountain View, CA 94043
FAX: 650-526-3034

CHEMPLOYMENT ABSTRACTS 3607

Position Title: Analytical Chemist I/II

Job Description: Perform analyses on chem/drug substances for toxicol studies using primarily HPLC & spect methodologies. Analytical support for drug prods under cGMP requirements. Must be able to work under GLP regulatory environment & meet time lines; write anal protocols & reports. HPLC method development & validation, computer fluency with Excel spreadsheets & MS Word.

QUALIFICATIONS DESIRED

Education: BS chem or related field + 0-5 yrs relevant exp MS chem & 1-2 yrs relevant exp or equivalent combination of education & exp.
Experience: Exp in GLP/cGMP environment desirable. Equivalent combination and exp also qualifies for above requirements. Pre-placement physical required.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Dependent on Exp
Description of Employer: Independent research & technol orgs. See www.SRI.com

Application Instructions: Send resume & cover letter to:
Attn: Daniel Swartz
FAX: 650-859-4222
or email: daniel.swartz@sri.com

CHEMPLOYMENT ABSTRACTS 3608

Position Title: Analytical Chemistry Supervisor, Industrial Hygiene

Job Description: Day-to-day supervision of proj with firm scheduled deadlines & specific quality criteria. Long-term, multi-year proj is to produce, test, & package analytical proficiency testing samples for occupational exposure monitoring. Analyze types include org solvents, metals, crystalline silica & asbestos fibers. Management & training of 4 staff members.

QUALIFICATIONS DESIRED

Education: MS chem or related field
Experience: Certification in chem practice by American Board of Industrial Hygiene desirable. Verbal & written communications with prog participants & client staff to answer inquiries, resolve issues & develop new programs. Hands-on effort to cross-train & when needed to meet deadlines. Anal expertise in chromatog, FTIR, ICP/AA, phase contrast microscopy. Exp in industrial hygiene analyses & knowledge of aerosol generation methodology a plus

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Depending on exp
Description of Employer: Independent research & technol orgs. See www.SRI.com

Application Instructions: Send resume & cover letter to:
Attn: Daniel Swartz
FAX: 650-859-4222

CHEMPLOYMENT ABSTRACTS 3609

Position Title: Scientific Project Manager I

Job Description: Support in proposal prep, protocol prep, schedule prep & maintenance, report writing & regulatory compliance for toxicol, analytical chem & formulation. Help in proj management for formulation, anal chem & toxicol.

QUALIFICATIONS DESIRED

Education: BA/BS scientific degree; equivalent comb of education & exp will also qualify for above requirements.
Experience: Strong communication skills, attn to details & understanding of early stage pre-clinical drug development. Exp in formulation and/or anal chem required (min 1 yr) & exp in conduct of GTE and/or GMP projects highly desirable. Excellent computer (windows 95/98) skills also needed.

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park
Salary: Dependent on exp
Description of Employer: Independent research & technol orgs. See www.SRI.com

Application Instructions: Send resume & cover letter to:
Attn: Daniel Swartz
FAX: 650-859-4222

CHEMPLOYMENT ABSTRACTS 3610

Position Title: Research Associate Physical Chemistry

Job Description: Process chemical entities scheduled to enter biological screening program thru physical chem characterization platform. Organization, report & analysis of unique physico-chem fingerprint. Digitalization & transfer to databases. Instrument maintenance & troubleshooting. Interaction w/ Med Chem, Natural Product Chem & Cell Bio teams.

QUALIFICATIONS DESIRED

Education: MS/BS Phys chem/related field
Experience: Min 3 yrs lab exp. Some hands-on exp w/ NMR, MS or UV/Vis, w related characterization techniques & appl to ID of org cpds. Good record-keeping skills. Exp in electrochem a ++.

LOCATION, SALARY, MAIL ADDRESS

Location: Santa Clara
Description of Employer: Leading biopharm company focused on discovery & development

Application Instructions: Send resume to:

Galileo Labs, Attn: HR
5301 Patrick Henry Drive
Santa Clara, CA 95054
Email: careers@galileolabs.com

CHEMPLOYMENT ABSTRACTS 3611

Position Title: Research Scientist (Req. #BF1-200)

Job Description: Design, execute & analyze results of preformulation, formulation & proc development expts leading to commercial formulation & manufg processes. Support res activities related to drug candidate selection & also coordinate & lead activities for manufg toxicol, clinical & regist/valid batches. Responsible for writing CMS sections of regulatory dossiers. Must be excellent communicator & work effectively on teams.

QUALIFICATIONS DESIRED

Education: PhD pharm, pharm chem or equivalent
Experience: 0-5 yrs relevant preformulation/formulation leading exp. Must have exp with exptl design/statistics, pharm/anal chem & strong pharm/phys pharmacy back-ground. Must be able to perform important res leading to publs & should be proficient in Excel, JMP, Word & Microsoft Project software

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Description of Employer: A biopharmaceutical co that discovers, develops & commercializes therapeutics.

Application Instructions:
Apply online at www.gilead.com

CHEMPLOYMENT ABSTRACTS 3612

Position Title: Senior Research Scientist Req. #RF1-329

Job Description: Responsible for directing & conducting method development efforts for both drug substances & drug prods. Also lead efforts to characterize drug substances & drug prods as required to complete IND, CTX, NDA & MAA submissions.

QUALIFICATIONS DESIRED

Education: PhD chem, anal chem or pharm chem
Experience: 5-10 yrs exp in pharm ind. Exp with development & validation of HPLC, GC & other anal techniques is required. Exp in characterization of solid-state properties of active ingredients is desired as are proven supervisory skills. Will consider entry level PhD with 0-5 yrs exp for lower level position.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City
Description of Employer: A biopharmaceutical co that discovers, develops & commercializes therapeutics.

Application Instructions:
Apply online at www.gilead.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

Mrs. Nancy Gephart
American Chemical Society
California Section
49 Quail Court
Walnut Creek, CA 94596
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

CHEMPLOYMENT ABSTRACTS 3613

Position Title: Chemistry Instructor

Job Description: Teach freshman & sophomore level college chemistry courses (General Chem - Org Chem); develop innovative approaches to teaching. A detailed job description can be viewed on the Internet at <http://www.cabrillo.cc.ca.us>

QUALIFICATIONS DESIRED

Education: California Community College Instructor credential in Chemistry or Meet CA State minimum qualifications or equivalency. Assignments may be at various campus locations; days, evenings and/or weekends.

LOCATION, SALARY, MAIL ADDRESS

Location: Aptos, CA
Salary: \$856 - \$1280 per teaching unit depending on education & experience.
Description of Employer: Located in a vibrant university community of Santa Cruz on the Monterey Bay.

Application Instructions: For any questions & application forms contact:
Cabrillo Community College
Human Resources
6500 Soquel Drive
Aptos, CA 95003
408-479-6217

CHEMPLOYMENT ABSTRACTS 3614

Position Title: Research Scientist Organo-metallic Chemist

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

QUALIFICATIONS DESIRED

Education: PhD org/organometallic chem
Experience: At least 3-5 yrs hands-on bench synthesis exp, extensive exp with air-sensitive organometallic reagents.

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary & benefits
Description of Employer: Developing a new generation of all-optical components

Application Instructions: Send resume to:
UltraPhotonics, HR
48611 Warm Springs Blvd.
Fremont, CA 94538
FAX: 510-683-4661
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACTS 3615

Position Title: Research Scientist, Thick Film

Job Description: Provide technical expertise for a program to develop thick film structures for implementation into photonic devices. Activities include researching appropriate film materials that meet engineering & manufacturing specifications & requirements. Developing fabrication techniques for various thick film structures; characterizing mechanical, thermal & optical properties; coordinating activities with scientists & engineers; reporting results & team effort for this program.

QUALIFICATIONS DESIRED

Education: MS, PhD matl sci, physics, chem or equivalent field
Experience: 3-5 yrs of direct exp with thick film development

LOCATION, SALARY, MAIL ADDRESS

Location: Fremont
Salary: Competitive salary & benefits
Description of Employer: Developing a new generation of all-optical components
Application Instructions: Send resume to:
UltraPhotonics, HR
48611 Warm Springs Blvd.
Fremont, CA 94538
FAX: 510-683-4661
Email: jobs@ultraphotonics.com
www.ultraphotonics.com

CHEMPLOYMENT ABSTRACTS 3616

Position Title: Research Associate, I/II/III IDVU Medicinal Chemistry

Job Description: Carry out synthetic procedures to prepare org cpds for evaluation in drug discovery. Purify prods & gather analytical data in support of proposed structure, analyze exptl results & prepare/com-unicate research results.

QUALIFICATIONS DESIRED

Education: Res Assoc I: BS or equivalent chem & 0-2 yrs exp Res Assoc II: BS or equivalent chem & 2-5 yrs exp or MS & 1-3 yrs exp Res Assoc III: BS or equiv chem & 5-7 yrs exp or MS & 3-5 yrs exp
Experience: Must have exp in small molecule org synthesis & in purification & analysis of org molecules. Knowledge of database searching is desired.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits

Application Instructions: Send resume indicating Job Code 2456-ACS to:
paloalto_hr_staffing@roche.com
<http://paloalto.roche.com>

CHEMPLOYMENT ABSTRACTS 3617

Position Title: Mass Spectrometry Operator

Job Description: Will be part of an analytical team developing methods for high thruput analysis of a wide variety of molecules by Mass Spectrometry in an analytical facility equipped with state of the art instruments.

QUALIFICATIONS DESIRED

Education: BS/MS, analytical chemistry
Experience: At least 1 yr industrial mass spec operations exp required. Prefer a strong background in data analysis (LIMS), a familiarity with other types of analytical instrumentation & the ability to quickly troubleshoot & solve MS operational problems. Exposure to HTS & a working understanding of molecular biology helpful.

LOCATION, SALARY, MAIL ADDRESS

Location: Redwood City
Salary: Commensurate with exp
Description of Employer: Leader in design & application of directed evolution to create novel biotechnology products. See www.maxygen.com

Application Instructions: Send resume to:
jobs@maxygen.com or
Maxygen, Inc.
HR, JOB #NT-252
515 Galveston Drive
Redwood City, CA 94063
FAX: 650-298-5453

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CHEMPLOYMENT ABSTRACTS



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FUTURE MEETINGS

Mar (TBD)	Chemistry Olympiad
Mar 7	Executive Committee Meeting
Mar 17-22	Pittcon 2002 New Orleans, LA
Mar 21	SCV Dinner Meeting <i>Dr. David Rakestraw</i>
Apr 7-12	National Meeting Orlando, FL
Apr 25	SCV Dinner Meeting <i>Dr. Michelle Marvier</i>
May 23	SCV Dinner Meeting <i>Bob Roudon and Phil Crews</i>

For the latest information, please visit
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