

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 24 No. 4

May Dinner Meeting

Interesting Tidbits about Red and White Wines

Abstract

At the May Dinner Meeting there will be discussions on the handling of grapes, the fermented must, the resultant wine, and the affect on the sensory characteristic of the bottled product. Discussion points will be illustrated by tasting various wines. Topics that will be discussed are:

“Wine History and Aging Strategy”

“Relation of Acids to Flavor in Chardonnay Wine”

“Understanding Red Made California Zinfandel & Pinot Noir”

Presentations will be made by winemaker and co-owner Bob

Roudon of Roudon-Smith Winery and by winemaker and co-owner Phil Crews of Pelican Ranch Winery.

Biographies

ROUDON-SMITH WINERY

Founded in 1972 by Bob and Annamaria Roudon and Jim and June Smith, the winery is dedicated to the production of exceptional wines from the vineyards of our region, especially the estate-grown Santa Cruz Mountains Chardonnay grapes. The winery also purchases grapes from other vineyards, most notably the Meeker Vineyard in Paso Robles. Also produced at the winery are the

continued on next page

May Dinner Meeting

Date: May 23, 2002

Time: 6:30 pm Social Time
7:00 pm Lecture and Tasting

Location: The Sundeck Restaurant
3000 Sand Hill Road
Menlo Park, CA
650-854-2119

Speakers: Bob Roudon
Phil Crews
Roudon-Smith and Pelican
Ranch Wineries

Cost: \$25.00 includes lecture,
several wines and light
buffet/hor d'oeuvres

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

Reservations should be made by May 19th; stating your name, company affiliation, number of people in the party.

The Sundeck Restaurant is nestled under the clock tower in the 3000 Sand Hill Road corporate office complex - the “in” venture capital address. It is a room with a view! The backdrop of the Santa Cruz Mountain foothills is dramatic and the deck is the perfect spot for tasting excellent wines from that region. The restaurant is open especially for us that evening.

Chair's Message

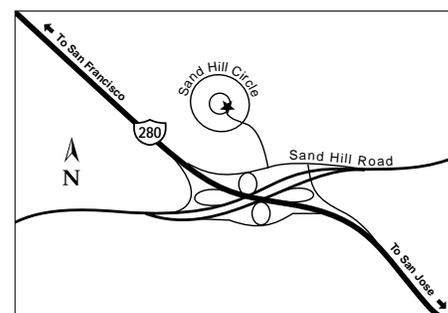
“The Best Kept Secret in the Bay Area”

I recently had a conversation with John Flygare, a chemist at Genentech. I was surprised to learn that the economic downturn, which has negatively affected employment in the most visible Bay Area business sector of computer and software development, has not adversely affected the biotech industry. John pointed out that the biotech industry is actually expanding. He told me that Genentech alone is building a new research building that will house 600 new

continued on next page

Reminder: April Dinner Meeting

The April Dinner Meeting featuring Dr. Michelle Marvier of Santa Clara University, will be held on Thursday, **April 18th**. The meeting will be held at Santa Clara University, in both the Arts and Sciences Building Foyer (reception and dinner) and the Daly Science Center (lecture). For \$25.00, you get a chance to savor the Italian buffet dinner and listen to a wonderful lecture on Dr. Marvier's research interest in genetically modified crops. Please register using the Local Section website www.scvacs.org.



Interesting Tidbits, continued from front page

Pelican Ranch wines of winemakers Phil and Peggy Crews.

BOB ROUDON

Bob Roudon earned a Fine Arts degree in music in 1960 and had his first introduction to California wines while at the University of New Mexico. Then, Bob discovered French wines during a long European stay and thereafter centered his attention on French wines and French wine-making techniques.

After a brief stint at teaching, Bob switched his attention to engineering and moved to Los Angeles. He began to study California wines in earnest and began making wines at home in Los Angeles.

In 1971, Bob moved to the Santa Clara Valley and was hired by his now partner Jim Smith to work on the startup of Amdahl Corporation. The two teamed up, bought a parcel of land in the Santa Cruz Mountains, and founded the present vineyard and winery. The first vintage was produced in 1972. The magic year was 1978 when both partners became full time in the wine business. Bob attributes his individual winemaking style to his early exposure to German and French wines, and his wines have produced numerous awards. The quest for great wine continues.

PHIL CREWS

Professor Crews obtained his BS in Chemistry in 1966 from the University of California, Los Angeles; his Ph.D. in Organic Chemistry in 1969 from the University of California, Santa Barbara; and was a NSF Postdoctoral Fellow from 1969 to 1970 at Princeton University. Phil was

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Chair's Message, continued from front page

jobs including 100 for chemists. Other biotech companies like Chiron are also expanding their research space. Shortly after our conversation, John sent me an article from *The San Francisco Chronicle*.

The article, by Julie Lymen, appeared in the *Industry Outlook* section on March 3rd. Lymen provides some interesting numbers. In a recent survey, she found that "more than half of Bay Area bioscience companies said they plan to add ninety-five or more employees to their company in the next few years. Seventy-five percent of those companies plan to expand R&D and seventy percent expect to expand manufacturing." Lymen notes that the companies that are moving from R&D to production are fueling this job boom. In fact, her article focuses on the laboratory biotechnician positions that are required in manufacturing. Nevertheless, you can see from her numbers as well as John's that there are, and will be, many positions for chemists of all levels: Doctorate, Masters, and Bachelors.

With so many job openings, my thoughts came back to this newsletter and its job section, ChemPloyment. I

an Assistant Professor of Chemistry at the University of California, Santa Cruz from 1970 to 1977 to become a Professor of Chemistry in 1986, where he continues to pursue his research interest in organic-marine natural products chemistry.

While pursuing his interest in marine chemistry, Phil became interested in winemaking and started to make various wines as a home wine-maker. He was successful and increased the complexity of the wines; using oak barrels for fermentation as well as aging and allowing the wine to be in contact with the fermentation lees for various periods of time. His winemaking skills expanded and outgrew his home facilities. In 1996, he moved to the Roudon Smith Winery and started producing the Pelican Ranch brand wine under the

asked John about it. He said that ChemPloyment has produced better results than the local papers. Although the newsletter reaches fewer people, it reaches the right people: ACS members. That's real good to hear.

ChemPloyment is doing a good job serving both our members and local industry, and we've just improved it. Our web committee, Ean Warren and Karl Marhenke, has developed a web page so that companies can submit ChemPloyment job advertisements online - no longer will they have to be phoned or mailed in. This way, ads can be directly entered with the correct specifications. The website will make the whole process easier and will facilitate our getting the information to you in a timely manner. The page is now up and running www.scvacs.org/chemploy/.

By the way, my titled quotation is drawn from the *Chronicle* article. The words belong to Kate Levine, Contra Costa College's Biotech Program Coordinator, and they refer to this great, new local biotech job market. It was news to me - but no longer. And now, in case it's news to you too, I pass it along with pleasure.

Jon Touster

Roudon-Smith Winery Bond. The first release of Pelican Ranch wines was the spring of 1997. The current production consists of ultra premium Burgundy and Rhône style wines including the varieties of Chardonnay, Pinot Noir, Syrah (Hermitage), and Zinfandel.



Editor's Corner

I'm always happy to see the newsletter come together from month to month. Some months I have to trim articles down while other months I struggle to get enough copy! The best aspect is to receive submissions from members who don't regularly submit! It is only on occasion that I receive such submissions, but they are always appreciated and encouraged. Thanks for your readership!

Patent Truths

The word "patent" has at least 7 different dictionary definitions. One is open or obvious.

Are the following patently obvious? I don't think so.

1. Clara Barton was the first woman U.S. patent examiner hired around 1850. She was at the Civil War battle of First Bull Run in 1861 (First Manassas for those from the South). She helped convert the U.S. Patent Office building into an Army Hospital for the wounded. Later, she was the first woman to head a federal bureau of missing Civil War soldiers. In 1881, she founded and was the president of the American Red Cross.
2. Dr. George Washington Carver, the famous African-American agricultural (peanut) chemist, held three U.S. patents 1,522,716; 1,541,478; and 1,632,365; he did not commercialize any of them.
3. In 1790, patent No. 1 (under the old registration system) was issued to a chemical process to extract potash from wood ashes. The identity of the true inventor Samuel Hopkins was in dispute for years.
4. The present U.S. patent numbers date back to 1836. Since the old Blodgett Hotel that housed the U.S. Patent Office burned down, Congress voted to scrap the old system and to adopt the present examination process - similar to those patent systems found in Europe.
5. Bill Gates' great-grandfather, J. W. Maxwell, founded Seattle's National City Bank in 1906. His grandfather, also a banker, set up a million dollar trust fund for young Bill. We all need a grand-parents like that.
6. Ever wonder how Charles Darwin had the free time to travel on the good ship Beagle to the Galapagos Islands and then later wrote *The Origin of the Species*? He was the

"gentleman" on board so that the captain would have a dinner companion. His grandfather was Josiah Wedgewood, the one-legged founder of the English china company and Potter to the Queen of England.

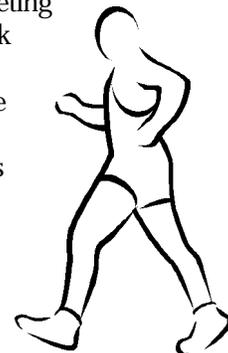
7. Santa Clara County is home to the oldest public California college - San Jose State University, the oldest private California college - Santa Clara University, and that well-known colossus to the North - Stanford University.
8. Author Samuel Clemens (Mark Twain) was keenly interested in science and technology; he held several U.S. patents. His book, *The Adventures of Huckleberry Finn*, was the first manuscript in the US submitted in typed form. He invested heavily in a new printing process in the 1880s and went bankrupt when a new, more efficient printing technology emerged.
9. Alexander Graham Bell's patent application in 1876 for the telephone, 174,465, was issued as a patent in three weeks (23 days). His father-in-law to be was Gardner Hubbard, the senior senator from Massachusetts. I wonder if there was any connection??
10. The Santa Clara Valley Local Section is to be congratulated for its interest and action regarding women chemists. Only a few ACS awards are named to honor and recognize women chemists. Our Local Section has two: the Harry and Carol Mosher Award (over 20 years old) and the Shirley B. Radding Award. The Helen Free Award for Public Outreach is a recent established National award. And the Southern California Local Section has the Sister Agnes Ann Green Award. Do you know of any others? Is it time for a new look at this situation?

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Calling All Runners

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

The local section Younger Chemist Committee is once again organizing a group of participants in this year's San Francisco Bay to Breakers www.baytobreakers.com on May 19. 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 \$250 to fund local kindergarten through high school science teachers' programs. We may be able to get our companies to sponsor us also. So participate, get some exercise, meet other chemists, and contribute to a good cause. Contact Ean Warren at ewarren@scvacs.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.



Annual Report for 2001

Curious about our local section's annual report for 2001? The web version of the 2001 Annual Report is now available online on our website: www.scvacs.org; click on "Annual Report for 2001".

CHEMPLOYMENT ABSTRACTS – APRIL 2002

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 & tech-nol orgs. See www.SRL.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, & pack-age 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 & writ-ten 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 chrom-atog, FTIR, ICP/AA, phase contrast microscopy. Exp in industrial hygiene analyses & knowledge of aerosol genera-tion methodology a plus

LOCATION, SALARY, MAIL ADDRESS

Location: Menlo Park

Salary: Depending on exp
Description of Employer: Independent research & tech-nol orgs. See www.SRL.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 require-ments.

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 & tech-nol orgs. See www.SRL.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 tech-niques & 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 expis 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 develop exp. Must have exp with exptl design/statistics, pharm/anal chem & strong pharm/phys pharmacy back-ground. Must be able to perform independent 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 & conduct-ing method development efforts for both drug sub-stances & 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 lever 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

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 universi-ty community of Santa Cruz on the Monterey Bay.

Application Instructions: For any questions & applica-tion 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 & develop-ment 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 imple-mentation into photonic devices. Activities include researching appropriate film materials that meet engi-neering & manufacturing specifications & require-ments. Developing fabrication techniques for various thick film structures; characterizing mechani-cal, thermal & optical properties; coordinating activi-ties with scientists & engineers; reporting results & team effort for this program.

QUALIFICATIONS DESIRED

Education: MS, PhD matl sci, physics, chem or equiva-lent 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

Activate Your Mind and Innovate Medicine

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Our cutting edge technologies and instrumentation provide us the necessary elements to achieve success. Join us and innovate medicine.

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/communicate 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 syn-thesis & 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>

CHEMEMPLOYMENT ABSTRACTS – APRIL 2002

CHEMEMPLOYMENT ABSTRACTS 3617

Position Title: Mass Spectrometry Operator

Job Description: Will be part of an analytical team developing methods for high throughput 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

CHEMEMPLOYMENT ABSTRACTS 3618

Position Title: Chemistry Research Associates
(3 positions)

Job Description: Demonstrated abilities in syn org chem. As part of a multidisciplinary proj team will conduct syn, isolation & characterization of target molecules for biol evaluation. Maintain a detailed lab notebook of results & provide oral & written communication of data & results.

QUALIFICATIONS DESIRED

Education: BS/MS
Experience: 1-3 yrs exp in biotech/pharm industry. Exp in design & syn of org cpds. Ability to perform multi-step syn on mg to gram scale. Knowledge of modern analytical techniques & instrumentation for isolation & identification of org cpds is required. Exp with solid phase synthesis is helpful. Excellent written & verbal communication skills & ability to work independently & also in a team-based environment a must.

LOCATION, SALARY, MAIL ADDRESS

Location: San Francisco
Description of Employer: A rapidly growing SF company focused on therapeutic small molecule drugs

Application Instructions: Send resume to:

Email: Sylvia@qualtechsearch.com
or QualTech Search, Inc.
9740 Scranton Road, Suite 150
San Diego, CA 92121
858-505-0090
FAX: 858-505-0290

CHEMEMPLOYMENT ABSTRACTS 3619

Position Title: Staff Scientist - Chemistry

Job Description: Affymax is seeking a dynamic & creative individual with ability to work independently & plan synthetic methodologies in designing novel drug candidates.

QUALIFICATIONS DESIRED

Education: PhD, org/medicinal chem
Experience: Min 3 yrs of industrial exp. Exp with solid phase org synthesis is highly desirable. Also required exp includes high throughput purification techniques & related analytical technol.; exp in modern analytical techniques & knowledge of current advances; knowledge of modern computational tools pertaining to structure activity relationships and drug discovery, excellent interpersonal & oral/written communication skills; & currency with literature & recent developments in drug discovery.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Leading drug discovery corp.

Application Instructions: Send CV with Job Code:

ABA001 to:
career@affymax.com or
Affymax, Inc., Human Resources
Attn: Richard Llewellyn
4001 Miranda Avenue
Palo Alto, CA 94304

CHEMEMPLOYMENT ABSTRACTS 3620

Position Title: Research Associate - Chemistry

Job Description: As part of team, you will report to staff scientist & will be responsible for synthesis of bioactive molecules using solid & soln phase chemistries, together with sophisticated library generation technologies.

QUALIFICATIONS DESIRED

Education: MS or BS chem
Experience: Min 1 yr industrial exp in org synthesis; other required exp includes: cpd purification using various anal techniques including HPLC, LCMS, & NMR; familiarity with database search tools & excellent interpersonal & oral/written skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto
Salary: Competitive salary & benefits
Description of Employer: Leading drug discovery corp.

Application Instructions: Send CV with Job Code:

ABA002 to: career@affymax.com or
Affymax, Inc., Human Resources
Attn: Richard Llewellyn
4001 Miranda Avenue
Palo Alto, CA 94304

CHEMEMPLOYMENT ABSTRACTS 3621

Position Title: Laboratory Technician

Job Description: GC sample prep, pesticide residue analysis & microbiological testing.

QUALIFICATIONS DESIRED

Education: BS degree.
Experience: Microbiology and/or chemistry background: basic laboratory skills. Experience with GC/HPLC desirable. Demonstrated discipline with record keeping and reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas) right off Hwy 101.
Salary: Competitive salary and benefits.
Employer Description: Analytical laboratory doing food analyses, microbiological and pesticide residue analysis.

Application: Send resume to:

Richard Todd
Analytical Biochem, Inc.
P.O. Box 6278
Salinas, CA 93912
Fax: (831) 758-2625
Email: rtodd@trece.com

CHEMEMPLOYMENT ABSTRACT 3622

Position Title: Analytical Chemist

Description: Food analyses: formulations, GC, & HPLC detn of components & pesticide residue in foods.

QUALIFICATIONS DESIRED

Education: BS or MS in Chemistry
Experience: Chemistry: Minimum three years analytical laboratory experience. Exp with GC/HPLC/troubleshooting. GC/MS experience with instrumentation a plus. Demonstrated discipline w/ record keeping and reasonable communication skills.

LOCATION, SALARY, MAIL ADDRESS

Location: Monterey area (Salinas) right off Hwy 101.
Salary: Analytical salary and benefits package.
Employer Description: Analytical laboratory doing food testing; microbiological and pesticide residue tests.

Application: Submit resume and salary requirements to:

Richard Todd
Analytical Biochem, Inc.
P.O. Box 6278
Salinas, CA 93912
FAX: (831) 758-2625
Email: rtodd@trece.com

CHEMEMPLOYMENT ABSTRACT 3623

Position Title: Chemistry Lecturer

Description: This is a full-time, non-tenure track faculty position for a one-year term beginning Fall, 2002. Responsibilities include teaching general chemistry lecture and lab classes, quantitative analysis lecture and lab classes, and possibly lab classes for introductory organic chemistry.

QUALIFICATIONS DESIRED

Education: Ph.D. minimum qualification.
Experience: Prior teaching experience strongly preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Department of Chemistry, Santa Clara University
Salary: Competitive.
Description: Santa Clara University, a private Jesuit institution, is an equal opportunity/affirmative action employer, and welcomes applications from women, persons of color, and members of other historically under-represented U.S. ethnic groups.

Application: By April 22, 2002, send Curriculum Vitae, undergraduate and graduate transcripts, statement of teaching philosophy, and three letters of recommendation to:

Search Committee Chair
Department of Chemistry
Santa Clara University
Santa Clara, CA 95053-0270

CHEMEMPLOYMENT ABSTRACTS 3625

Position Title: Research Associates/Sr. Research Associates Medicinal Chemistry

Job Description: Will apply strong knowledge of modern synthetic org chem & org practical skills to various lab assignments.

QUALIFICATIONS DESIRED

Education: BS/MS with relevant lab exp required
Experience: Along with modern synthetic org chem exp, will need excellent org practical skills. Independent work skills are a must. Relevant med exp in pharmaceutical industry would be an advantage.

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Comprehensive benefits package

Description of Employer: An established pharmaceutical company focused on research & development of novel human medicines.

Application Instructions: Send resume to:

Advanced Medicine
Human Resources
Job Code 02-005RA
901 Gateway Blvd.
South San Francisco, CA 94080
Email: resume@advmedicine.com
FAX: 650-808-6121

Think of it, a place where you can use your mind to innovate human pharmaceuticals. That's the exciting drug discovery environment you'll find at Roche Bioscience. Our scientists are focused on medicines for the treatment of central nervous system and genitourinary disorders, arthritis, osteoporosis, and respiratory and viral diseases. Our cutting-edge technologies and instrumentation provide us the necessary elements to achieve success. Join us and innovate medicine. As an equal opportunity employer, we are committed to workforce diversity. Visit our website at <http://paloalto.roche.com>. Located in Palo Alto, the heart of innovation, our park-like campus offers a wide array of employee services including an on-site fitness center. We also are pleased to provide a competitive compensation program with a generous vacation and holiday schedule, relocation assistance, plus retirement and pension plans.

CHEMEMPLOYMENT ABSTRACT 3624

Position Title: Research Associate, II/III - Medicinal Chemistry

Description: Responsible for the purity analysis and structure confirmation of compounds, will implement/maintain analytical and semi-preparative LC/MS instrument. Additional responsibilities include purity determination and structure confirmation of submitted samples using LC/MS, developing methods for analyzing structural types, submitting samples for registration, maintenance of LC/MS system and input of analytical data using ISIS databases.

QUALIFICATIONS DESIRED

Education: Res Assoc II: BS or equiv in Chem & 3-5 yrs exp or MS and 1-3 yrs of exp. Res Assoc III: BS/MS or equiv in Chem & 5+ yrs of exp with specialized coursework in instrumental analysis, analytical & org chem.
Experience: Must have excellent working knowledge of HPLC & MS techniques and work creatively on multiple programs. Lab computer familiarity is also required. Exp with LC/MS, lab automation, combinatorial chemistry/parallel synthesis is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto,
Visit our website at <http://paloalto.roche.com>.

Application: Send resume, indicating Job Code 2492-ACS, to: paloalto.hr_staffing@roche.com

CHEMEMPLOYMENT ABSTRACTS 3626

Position Title: Scientists, Medicinal Chem

Job Description: As part of our integrated, multidisciplinary discovery team, you will design & synthesize novel drug candidates.

QUALIFICATIONS DESIRED

Education: PhD synthetic org chem
Experience: Postdoctoral and/or industrial exp preferred

LOCATION, SALARY, MAIL ADDRESS

Location: South San Francisco
Salary: Comprehensive benefits package
Description of Employer: An established pharmaceutical company focused on research & development of novel human medicines.

Application Instructions: Send resume to:

Advanced Medicine
Human Resources
Job Code 02-005SC
901 Gateway Blvd.
South San Francisco, CA 94080
Email: resume@advmedicine.com
FAX: 650-808-6121

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FUTURE MEETINGS

Apr 1	Chemistry Olympiad Local Section Test
Apr 7-12	National Meeting Orlando, FL
Apr 16	Executive Committee Meeting
Apr 20	Chemistry Olympiad National Test Los Positas College Livermore, CA
Apr 25	SCV Dinner Meeting <i>Dr. Michelle Marvier</i>
May 23	SCV Dinner Meeting <i>Bob Roudon and Phil Crews</i>
Jun 10-14	37th National Organic Symposium Montana State University
Jun 29	Annual Picnic and Awards Ceremony Stanford University

For the latest information, please visit
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