

Silicon Valley Chemist

Santa Clara Valley Section

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Professor James D. Morrison Will Receive the 2001 Harry and Carol Mosher Award

Professor James Morrison the emeritus Chemistry Professor and Vice President at the University of New Hampshire was selected as this year's recipient of the Harry and Carol Mosher Award. This prestigious award is presented annually by the Santa Clara Valley Section of the American Chemical Society to an individual selected for contributions to the field of chemistry and to the ACS. This award was established by the Santa Clara Valley Section in honor of the late Professor Harry Mosher of Stanford University and Dr. Carol



Mosher of SRI.

Dr. Morrison is known internationally for his contributions in the areas of asymmetric organic chemistry as well as organometallic chemistry. His career covers several areas from teaching and

administration in the academic field to industrial consulting. He published scores of papers and review articles as well as books and chapters. The book he co-authored with Professor Harry Mosher "Asymmetric Organic Reactions" summarized the understanding of this field in the seventies

and became a "must have" book for graduate student in organic chemistry in the 1970's. It also provided the basis of the current area of asymmetric synthesis.

Dr. Morrison received his Ph.D. in chemistry in 1963 from Northwestern University with Professor R. L. Letsinger. He spent the next two years as a postdoctoral researcher with Professor Mosher at Stanford. This period of professional association developed into a life-long friendship and mutual admiration. Dr. Morrison will come to receive the award during our dinner meeting of January 2002. Please watch for the abstract of his address and the details of the meeting in our January 2002 issue.



Chair's Message

Here it is August already! The 222nd national meeting will be held in Chicago in just a few weeks. Chicago is a great, or not so great, city in which to hold our meetings, depending on your criteria. All of the technical sessions are held in the convention center, so you do not have to run around between buildings trying to attend closely scheduled papers. But McCormick Convention Center is 2 miles from downtown, so you must ride the shuttle bus Chicago is a family friendly town with Lincoln Park, the Field Science Museum, Aquarium, etc., and great art museums within walking distance of the hotels. August in Chicago can be a bit warm! The food is varied, delicious, and plentiful. There are no California sprouts on

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2001 Shirley B. Radding Award Recipient Announced

The recipient of the 2001 Shirley B. Radding Award is Dr. Norman A. LeBel of Wayne State University. As Dr. LeBel is unable to attend this month's picnic and awards presentation, the Award will be presented during the forthcoming National ACS Meeting in Chicago next month. Norman LeBel was born in Augusta, ME on March 22, 1931. He matriculated at Bowdoin College, receiving the A.B. degree in 1952. The next two years were spent in the research laboratories of Merck & Co., Inc. in Rahway, New Jersey. He returned to New England for graduate study at MIT with Professor Arthur C. Cope and was awarded the Ph.D. in 1957. In August of that year



he joined the faculty of Wayne State University as Assistant Professor, advancing through the ranks to Professor in 1964. Included among his administrative assignments were Department Chair (1971-78), and Interim Dean of the College

of Liberal Arts (1983-84). He became Professor Emeritus in 1996.

Professor LeBel was an Alfred P. Sloan Foundation Fellow (1961-65) and a Robert A. Welch Lecturer in Chemistry in 1973. He received the President's Award for Excellence in Teaching in 1981 and the Distinguished Bowdoin Educator Award in 1991. In 1996 the ACS Division of Organic Chemistry honored him with the Dr. Paul G.

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Shirley Radding Award, continued from front page
Gassman Distinguished Service Award.

He joined the ACS in 1950 and his involvement in national ACS activities began when he was Secretary-Treasurer of the Division of Organic Chemistry (1965-69). He was Division Councilor during 1970-90 and served on the Committees on Publications, Nominations & Elections, Divisional Activities and Committees. His continuing interest in national and international scientific meetings resulted in appointments as Program Coordination Conference Advisor from 1974 until its dissolution in 1998, consultant to the Committee on Meetings & Expositions, 1991-1999, and member of the organizing committees of the Second, 1980 (Technical Program Coordinator), and Fourth Chemical Congress of North America, 1991 (General Chairman), PAC Chem '84 (Executive Secretary and Chair of the Program Subcommittee), Pacificchem '89, Pacificchem '95, and Pacificchem 2000 (General Chairman).

He was a two-term member of the ACS Petroleum Research Fund Advisory Board during 1981-86, and a member of the U.S. Army Basic Research Committee – Chemistry for 1982-87. Dr. LeBel has had numerous assignments on ACS task forces for a variety of topics and issues. In addition he has been and continues to serve as a consultant to industry. His memberships also include AAAS (since 1967, elected Fellow 1988), the Royal Society of Chemistry and Sigma Xi.

Points to Ponder

No problem can withstand the assault of sustained thinking.

– **Voltaire** (1694-1778)

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Worry not that no one know of you; seek to be worth knowing.

– **Confucius**

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You don't lead by pointing and telling people someplace to go.

You lead by going to that place and making a case.

– **Ken Kesey**, Writer

Chair's Message, continued from front page

every menu item! In my opinion (as a member of the committee that plans and organizes the meetings) Chicago is a great ACS meeting city. If you are going, and are a first time attendee, check out

<http://www.acs.org/meetings/chicago2001/firsttime.html> for some tips. Also use the Personal Scheduler found on the Chicago meeting page to help schedule your time efficiently.

The National Inventors Hall of Fame was founded in 1973 by a group of lawyers from the U.S. Patent and Trademark Office to celebrate and honor the creative and entrepreneurial spirit of inventors. Included are such well known inventors as Thomas A. Edison and Henry Ford, as well as some not so well known in chemistry: Klaus Schmiegel (Prozac), Gertrude B. Elion (leukemia drugs), and Wallace H. Carothers (nylon). Last year Helen (former ACS president) and Alfred Free were included in this innovative group.

The 2001 inductees include some names that are familiar to most of us in Santa Clara Valley. They have all taken numerous courses in chemistry in their student days and gone on to use it in their careers. Thomas J. Fogarty, invented the “embolectomy catheter” used in balloon angioplasties today. But perhaps here he is better known as the vintner of Thomas Fogarty Winery! Drs. Stanley Cohen and Herbert Boyer are known for creating the biotech tool - recombinant DNA-that launched genetic engineering and biotechnology, as

we know it. There are several other chemists among the 2001 inductees, including the inventors of Scotchgard.

Go to <http://www.invent.org> to learn more about chemists who have also been recognized and honored as famous inventors.

The Annual Wine Tasting and Awards dinner was held so late in July that we were not able to include pictures and announcements in the August newsletter. Watch for pictures of smiling faces and raised wine glasses in the September newsletter. The section still has wine glasses with our logo left, so plan on attending in 2002 and receiving yours!

I wandered down memory lane again this week and found some interesting items from our section's past. This brief advertisement appeared in the summer 1951 issue of the Vortex: “Research Chemist, Ph.D. Insecticides, Must have experience. \$420 to start.” News briefs in 1976 were a little closer to home: “Coal Chemistry Workshop, August 26-27, 1976, Stanford Research Institute. For details contact: Howard M. Peters, Chairman”

How many of you remember those lovely evening wine tastings the section use to sponsor at Paul Masson's Mountain Winery? In 1976 it began at 6 p.m. with wine tasting, a dinner of rib eye steak followed, and we carefully departed down the windy road by 9:30. \$7.00!

Sally Peters



Help Wanted: An Author's Inspired Aspiration

The Other Oppenheimer A Search for Those Who Knew Frank

Best-selling author K.C. Cole (The Universe and the Teacup) is now writing a book about J. Robert Oppenheimer's somewhat less-famous younger brother, Frank, a distinguished and controversial physicist in his own right, who founded the Exploratorium in San Francisco. The Exploratorium changed forever our image of what a science museum should be. Cole, a long-time science writer for the Los Angeles Times, was collaborating with Frank on a book at the time of his death. She is now looking for people who knew or were inspired by Frank Oppenheimer <kc.cole@latimes.com>.

From: “What's New” by Robert Park <http://www.aps.org/WN/toc.html>

Calling All Runners

So you missed the opportunity to run the Bay to Breakers with other chemists. If you still want to meet other chemists with an interest in running, you are encouraged to contact us. Are you minimally serious, moderately serious, seriously serious or just severely serious? Tell us who you are and we'll try to find a match who can challenge your strengths. Who knows? This might be the start of a beautiful relationship with your shoes and your fellow Chemists. For more information, contact: Ean Warren (ewarren@scvacs.org, 650-329-4554) or send an email to SCVACS-runners-subscribe@yahoo.com to subscribe to an email distribution list for SCV ACS runners.

Here are other organized opportunities to run with SCV chemists:

- Race Thru the Redwoods, a 10K race in the Santa Cruz Mountains near Felton, Sunday, August 19.
- Run to the Far Side, November 25, through Golden Gate Park, San Francisco

Let us know if you're interested in meeting up with other chemists for these runs.



Early Newsletter Notification Service Now Offered

The Santa Clara Valley Section has always had a problem with getting newsletters to our members in time for you to join us for our dinner meetings. In an effort to deliver more timely material, we place all our newsletters on the web site well in advance of their mailing. If you want to view the newsletter before receiving the hard copy, go to www.scvacs.org/newsletter/index.html around the first of the month. We have also created a list server to notify our members when new newsletters are placed on our web site. In order to keep the size of the email small, you will receive only a link to the location of the newsletter. 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, replacing "[email address]" with your own email address. You will receive a confirmation email which you must respond to. If you have any problems or questions, contact Ean Warren (ewarren@scvacs.org,

650-329-4554) or see Best Internet's help page (<http://www.best.com/faq/bestserv/bestserv1.html>).



September Dinner Meeting

For the September 20th Dinner meeting, Dr. Jack J. Lissauer will be speaking on the Hubble Space Telescope. Look for more details on Dr. Lissauer and his talk in the next month's newsletter!

For Your Funny Bone

A few things to remember while playing with unknown chemicals:

- Hydrochloric and sulfuric acid may look like water but they sure don't taste like it.
- Tasting is not a scientifically correct practice of determining unknowns.
- Red hot metals really are HOT!
- Putting all the "left overs" in a tub is not a healthy practice.
- Yes, some things do explode when put in an open flame.
- Aquanet (the hairspray) IS the most flammable product known to man.

* From Web site: <http://angelfire.com/mi/fuzzznstuff/>
The Periodic Table of Rejected Elements (PDF)

Editor's Corner

Upon Steve Colby's decision to attend law school, I kindly accepted to assume the responsibilities as newsletter editor. As a short introduction, I joined the ACS in 1996 holding the

vice-president (1999-2000) and treasurer (1998-1999) positions in the ACS Student Affiliate chapter at Point Loma Nazarene University in

San Diego. Upon my graduation in May 2000, I returned to my hometown, San Jose, and entered the workforce.

Currently, I am working as a Chemist at SRI International in Menlo Park. Beyond my professional activities, my many other interests include Chinese martial arts, Toastmasters, cooking, music (performance and appreciation), and other team and individual athletics. I am open to any comments, suggestions, or submittals that you might have regarding the newsletter. Feel free to contact me as the occasion arises.



Laura Rasay

(650) 859-4782, laura.rasay@sri.com



EMPLOYMENT ABSTRACTS – AUGUST 2001

EMPLOYMENT ABSTRACTS 3514

Position Title: Research Assistants/Associates

Job Description: Participate in research team designing & synthesizing orally bioavailable drug candidates.

QUALIFICATIONS DESIRED

Education: BS/MS chem

Experience: Preferably with prior industrial exp & a strong background in org synthesis with extensive exp using modern spect & chromatog techniques (NMR, MS, HPLC). Prior hands-on exp with solid-phase combinatorial synthesis and/or soln phase library synthesis is preferred. Excellent oral & written communication skills are essential.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Salary: Competitive salary & benefits, including pre-IPO stock options.

Description of Employer: Biopharmaceuticals company focused on developing improved pharmaceutical prods with enhanced bioavailability.

Application Instructions: Send CV & cover letter to:

XenoPort, Inc.
Human Resources - Job Code 123
2631 Hanover Street
Palo Alto, Ca 94304
FAX: 650-855-1445
email: jobs@xenoport.com

EMPLOYMENT ABSTRACTS 3515

Position Title: Chemist III/Sr. Chemist

Job Description: Provide cGMP hands-on analytical support for OROS projs, develop/validate methods for both in-process & finished prods, & supervise & train 1-5 staff members. Also represent the lab group at proj meetings to establish the analytical requirements & priorities for prod development support.

QUALIFICATIONS DESIRED

Education: BS/MS chem or equivalent

Experience: 5-8+ yrs exp in analytical lab & proficiency with HPLC, GC, UV/vis, TLC & other analytical techniques.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Products based on innovative drug delivery technologies.

Application Instructions: Send resume indicating job code 01-262 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)
Job Hotline: 650-564-5319

EMPLOYMENT ABSTRACTS 3516

Position Title: Sr. Chemist/Staff Scientist

Job Description: Primary responsibilities include supervising the Wet Chemistry group, scheduling, supervising & reviewing testing & hiring, training & evaluating personnel. Also will work closely with other groups & personnel to initiate & perform methods review/evaluation as well as represent the dept.

QUALIFICATIONS DESIRED

Education: BS/MS/PhD chem, pharmaceutical sciences or a related discipline.

Experience: 5-8 yrs hands-on analytical exp with BS/MS or 0-2 yrs with PhD. Familiarity with regulatory requirements for pharmaceutical raw matl usage & GMP environments essential.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Products based on innovative drug delivery technologies.

Application Instructions: Send resume indicating job code 01-247 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)
Job Hotline: 650-564-5319

EMPLOYMENT ABSTRACTS 3517

Position Title: Chemist III

Job Description: Perform analytical testing, develop new methods incorporating new technologies & instrumentation & transfer methods to Vacaville testing group with min supervision. Delegate/oversee junior personnel, monitor performance & ensure their evolving tech & personal development.

QUALIFICATIONS DESIRED

Education: BS/MS chem, biol or equivalent

Experience: 6+ yrs exp in analytical lab & the ability to communicate results clearly & concisely, both verbally & written. Tech abilities must include knowledge of HPLC, GC, TLC & spectrophotometry & familiarity with GMP/GLP.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Products based on innovative drug delivery technologies.

Application Instructions: Send resume indicating job code 01-305 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)
Job Hotline: 650-564-5319

EMPLOYMENT ABSTRACTS 3518

Position Title: Chemist III

Job Description: Perform GMP review of all department test data for accuracy to established test methods & SOPs, & for completeness of documentation; archive test data; & assess & suggest improvements for the GMP function. Will also be expected to back up every function in GMP group.

QUALIFICATIONS DESIRED

Education: MS chem or other scientific discipline.

Experience: 5-8 yrs exp & knowledge of GMP auditing & chromatography.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Products based on innovative drug delivery technologies.

Application Instructions: Send resume indicating job code 01-099 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)
Job Hotline: 650-564-5319

EMPLOYMENT ABSTRACTS 3519

Position Title: Chemist I/II/III

Job Description: Perform assay, release rate, & water contact testing to support OROS formulation development, provide documentation that complies with cGMP regulations & maintain/troubleshoot chromatographic equipment. Also perform analytical method, validation, report writing & presentation of results to proj team.

QUALIFICATIONS DESIRED

Education: BS chem or related field

Experience: 0-6 yrs analytical lab exp including HPLC & GC. Must be conversant with Windows-based application including Word & Excel.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Products based on innovative drug delivery technologies.

Application Instructions: Send resume indicating job code 01-313 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)
Job Hotline: 650-564-5319

EMPLOYMENT ABSTRACTS 3520

Position Title: Research Associate I/II/III IDU Chemistry

Job Description: Carry our synthetic procedures to prepare org cpds for evaluation in drug discovery projs, purify prods & gather analytical data in support of proposed structure. Also will analyze exp results & propose solns, & prepare & communicate reports of research results.

QUALIFICATIONS DESIRED

Education: BS chem or equivalent

Experience: 0-2 yrs for RA I, 2-5 yrs for RA II, & 5-7 yrs for RA III positions. With a MS in chem or equivalent, must have 1-3 yrs exp for RA II or 3-5 yrs exp for RA III. Exp in small molecule org synthesis & in purification & analysis of org molecules is essential.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Salary: Competitive salary & benefits

Description of Employer: Innovative breakthroughs in small molecule drug discovery.

Application Instructions: Send resume to:

Roche Bioscience
Job Code 2432-ACS
3401 Hillview Avenue, A2-HR
Palo alto, CA 94304
Email:
paloalto_hr_staffing@roche.com
www.paloalto.roche.com

EMPLOYMENT ABSTRACTS 3521

Position Title: Research Scientist I/II Metabolism/PK/Bio Analysis

Job Description: Conduct in vitro & in vivo metabolism studies, develop bioanalytical methods, & conduct pharmacokinetic & metabolism studies to support drug discovery, new drug candidates selection & IND submissions.

QUALIFICATIONS DESIRED

Education: PhD biochem, medicinal or anal chem or equivalent

Experience: Must have exp in following areas: in vitro & in vivo absorption; metabolism screens; drug metabolizing enzyme interaction; ADME &/or AME studies; bioanalytical method development & validation; pharmacokinetic & toxicokinetic studies; GLP compliance & Mass spect. BS/MS candidates with 10+ yrs of related exp will be considered. Excellent communication & organizational skills are required.

LOCATION, SALARY, MAIL ADDRESS

Location: Palo Alto

Salary: Competitive salary & benefits

Description of Employer: Innovative breakthroughs in small molecule drug discovery.

Application Instructions: Send resume to:

Roche Bioscience, Job Code 1424-ACS
3401 Hillview Avenue, A2-HR
Palo alto, CA 94304
Email: paloalto_hr_staffing@roche.com

EMPLOYMENT ABSTRACTS 3522

Position Title: Analytical Chemist

Job Description: Responsible for chromatographic method development that involves regular interaction with research staff.

QUALIFICATIONS DESIRED

Education: BS/MS analytical chem

Experience: 1-3 yrs relevant exp. Knowledge of HPLC & GC is essential. Exp with cGMP & mass spect is desirable but not required. Must possess the ability to work with common analytical software packages, word processing, spreadsheet & database PC software in a network environment.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits including tuition reimbursement.

Description of Employer: A bulk pharmaceutical manufacturer.

Application Instructions: Send resume and salary requirement to:

DSM-Catalytica Pharmaceuticals
Attn: Analytical Chemist
Position
430 Ferguson Drive
Mountain View, CA 94043-5272
Email: Jackie.loikits@dsm.com
FAX: 616-637-8410

EMPLOYMENT ABSTRACTS 3523

Position Title: Group Leader

Job Description: Lead a small group of researchers in the development of scalable chem processes while also conducting lab research.

QUALIFICATIONS DESIRED

Education: PhD org chem

Experience: At least 10 yrs exp in pharmaceutical or fine chemical industry. Extensive exp in asymmetric catalysis, particularly asymmetric hydrogenation is a must.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: A bulk pharmaceutical manufacturer

Application Instructions: Send resume with salary requirement to:

DSM-Catalytica Pharmaceuticals
Attn: Joe Miller
430 Ferguson Drive
Mountain View, CA 94043-5272
Email: Jackie.loikits@dsm.com
FAX: 616-637-8410

EMPLOYMENT ABSTRACTS 3524

Position Title: Process Research Chemist

Job Description: This is a "hands on" lab position, conducting research on the development of processes used for manufacture of target compounds.

QUALIFICATIONS DESIRED

Education: PhD org chem, BS or MS

Experience: At least 2 yrs industrial experience performing organic chemistry.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

Description of Employer: Bulk pharmaceutical manufacturer

Application Instructions: Send resume and salary requirements to:

DSM-Catalytica Pharmaceuticals
Attn: Joe Miller
430 Ferguson Drive
Mountain View, CA 94043-5272
Email: Jackie.loikits@dsm.com
FAX: 616-637-8410

EMPLOYMENT ABSTRACTS 3525

Position Title: Associate Chemist

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

QUALIFICATIONS DESIRED

Education: BS/BS or MS/MS org

Experience: At least 1 yr of independent research exp in org synthesis is required. A record of publication is desirable. Should also possess excellent communication skills & should have the ability to work both independently & as part of a multidisciplinary team.

LOCATION, SALARY, MAIL ADDRESS

Location: Mountain View

Salary: Competitive salary & benefits

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

Application Instructions: Send resume to:

Human Resources
Attn: Job Code 808-MCA
Microcide Pharmaceuticals, Inc
850 Maude Avenue
Mountain View, CA 94043
FAX: 650-526-3034

CHEMPLOYMENT ABSTRACTS 3526

Position Title: Sr. Research Associate/Scientist I/II

Job Description: Design/synthesize lead cpd optimization libraries & drug candidate cpds for various drug discovery targets as well as develop new technologies for applications in high-throughput assay development & screening projects.

QUALIFICATIONS DESIRED

Education: PhD synthetic chem or BS with 4 yrs industrial exp or MS with 2 yrs exp.

Experience: Knowledge of multi-step synthetic chem methods, purification & analytical techniques & TLC, flash chromatog, HPLC, LC/MS, NMR & UV/vis.

LOCATION, SALARY, MAIL ADDRESS

Location: San Diego

Salary: Competitive salary & benefits

Description of Employer: Drug discovery company

Application Instructions: Send resume to:

Aurora Biosciences Corp.

HR (ref Job #0144LM)

11010 Torreyana Road

San Diego, CA 92121

Email: hr@aurorabio.com

FAX: 858-404-6720

CHEMPLOYMENT ABSTRACTS 3527

Position Title: Research Associate I/II, Chemistry

Job Description: Design/synthesize lead cpd optimization libraries & drug candidate cpds for various drug discovery targets.

QUALIFICATIONS DESIRED

Education: BS/MS org chem

Experience: Minimum 2 yrs exp in lab chem synthesis, multi-step synthetic chem, analytical techniques for routine small molecule cpd analysis, TLC, flash chromatog, HPLC, LC/MS, NMR, UV/vis, cheminformatics databases

LOCATION, SALARY, MAIL ADDRESS

Location: San Diego

Salary: Competitive salary & benefits

Description of Employer: Drug discovery company

Application Instructions: Send resume to:

Aurora Biosciences Corp.

HR (ref Job #0203AS)

11010 Torreyana Road

San Diego, CA 92121

Email: hr@aurorabio.com

FAX: 858-404-6720

CHEMPLOYMENT ABSTRACTS 3528

Position Title: Scientist/Sr. Scientist Chemistry

Job Description: Bioconjugate or bioorganic chemist needed to develop effective strategies & methods for conjugation of bioaffinity molecules (haptens, antibodies, DNA, small molecules) to quantum dot semiconductor nanocrystals. Work closely with biologists to maximize conjugate performance in a variety of assays.

QUALIFICATIONS DESIRED

Education: PhD chem, biochem or equivalent

Experience: Must have at least 2 yrs industrial R&D exp in bioconjugate chem. Exp with manipulation of colloids, liposomes or modification of proteins or synthetic macromolecules is required & knowledge of std modification chemistries for biomolecules is essential. Exp with colloidal matls & surface chem is beneficial. Must be organized & communicative.

LOCATION, SALARY, MAIL ADDRESS

Location: Hayward

Application Instructions: Send resume and job code to:

Quantum Dot Corp.

HR (Job Code Chem 7/01)

26118 Research Road

Hayward, CA 94545

Email: jobs@qdots.com

FAX: 510-783-9729

CHEMPLOYMENT ABSTRACTS 3529

Position Title: Research Scientist, (BF1-104)

Job Description: Responsible for analytical method development, assay validation, impurity identification & physical/chemical characterization of drug substance & polymorphic forms.

QUALIFICATIONS DESIRED

Education: PhD org, analytical or pharmaceutical chem

Experience: 0-2 yrs exp; HPLC/GC skills needed. DSC, surface area determination, LC-MS, XRPD preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Foster City

Salary: Competitive salary & benefits

Description of Employer: Discovers, develops, manufactures, markets & sales therapeutics for viral fungi & bacterial infections & cancer.

Application Instructions: Send resume to:

Gilead Sciences

Email: gilead@rpc.webshire.com

(Please reference Job Code

ACSBF1-104 in subject line)

Or apply at www.gilead.com.

Please indicate job code.

CHEMPLOYMENT ABSTRACTS 3530

Position Title: Organic Chemistry/Biochemistry instructor

Job Description: Part-time instructor for organic chem course to begin August 30, 2001. Term ends December 14, 2001. Lecture is scheduled for Monday, Wednesday, Friday from 9:00 am to 9:50 am. The lab will be held Monday from 2:00pm to 5:00 pm & Tuesday from 8:30am to 12:05 noon. Biochem course lecture is Monday, Wednesday & Friday from 12:00 noon to 12:50pm. If qualified, same person could fill both positions.

QUALIFICATIONS DESIRED

Education: PhD preferred

Experience: Teaching exp required

Description of Employer: Notre Dame is now a 4 yr university.

LOCATION, SALARY, MAIL ADDRESS

Location: Belmont

Application Instructions: Send resume to:

Dr. Elizabeth Center

Dept. Natural Sciences

Notre Dame de Namur University

1500 Ralston Avenue

Belmont, CA 94002-1997

Email: ecenter@cnd.edu

FAX: 650-508-3736

CHEMPLOYMENT ABSTRACTS 3531

Position Title: Principal Scientist, Band C
Oligonucleotide Specialist

Job Description: Evaluate novel chem in support of synthesis & analysis of oligos & their use in PCR. Responsibilities include developing thermodynamic parameters providing information to users of oligos such as Tm & Tmp algorithms & modified bases in calc. Also study enzyme kinetics of PCR proc pertaining to different phases of PCR, using HPLC, MS & CE analysis to establish purity & identity of oligos prods & org chem to modify conditions of DNA synthesis at the level of phosphoramides or on DNA synthesizer for optimization of DNA synthesis.

QUALIFICATIONS DESIRED

Education: PhD chem or equiv.

Experience: 2+ yrs exp in applied chem study of oligonucleotides in an ind biotech setting. Demonstrated effectiveness in areas of nucleic acid biochem & org chem of DNA synthesis is preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Pleasanton

Description of Employer: Pioneer of PCR technology

Application Instructions: Send resume, indicating Job

Code RM105-ACS to:

Roche Molecular Systems,HR

P.O. Box 9002

Pleasanton, CA 94566-0900

Email: usa.rms_resume@roche.com

CHEMPLOYMENT ABSTRACTS 3532

Position Title: Principal Scientist Organic Chemistry

Job Description: Synthesis of organic chemistry of nucleo-sides & nucleotides & development of new & innovative chemistries for PCR technol. Apply modern analysis to probs relating to kinetics & thermodyn of oligonucleotide interactions & responsible for developing analytical methods needed to support prod development & manufacture.

QUALIFICATIONS DESIRED

Education: PhD synthetic org chem, biochem or related field

Experience: Demonstrated expertise in syn org chem of nucleosides & nucleotides, carbohydrates & heterocycles. Exp in modern methods of oligonucleotide synthesis, PCR techniques with emphasis of fluorescence tech & nucleic amplification, detection technol required. Must have skills in interpretation of data from analytical instruments including MS, NMR & fluorimeter. 2-4 yrs postdoc exp or equiv combination of education & work-related exp preferred.

LOCATION, SALARY, MAIL ADDRESS

Location: Pleasanton

Description of Employer: Pioneer in PCR technology

Application Instructions: Send resume including Job

Code RM024-ACS to:

Roche Molecular Systems, HR

P.O. Box 9002, Pleasanton, CA 94566-0900

Email: usa.rms_resume@roche.com

CHEMPLOYMENT ABSTRACTS 3533

Position Title: Protein Separation Scientist Protein Chemistry

Job Description: Responsible for developing & implementing affinity chromatog strategies for protein separation on high-density biochip array surfaces. Also involves developing & evaluation of biochip functional performance using liquid-handling robotics & laser mass spect for protein analysis. Will take part & lead dynamic proj teams for solving client problems using utility-driven protein discovery mission of LumiCyte.

QUALIFICATIONS DESIRED

Education: PhD protein chem and/or related fields.

Experience: Preferably 3-5 yrs relevant industrial exp, hands-on expertise in protein separation & bioconjugate chem & ability to work in diverse interdisciplinary environment. Familiarity with design of exp (DOE) 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 to:

kmeyer@lumicyte.com

FAX: 650-625-1776

Phone: 510-226-3953

CHEMPLOYMENT ABSTRACTS 3534

Position Title: Laboratory Technician, 2 openings

Job Description: Responsible for assisting R&D scientist(s). Perform general lab work, executing solid-phase & soln-phase org synthesis needed for biochip microarray fabrication & protein assays. Apply hands-on lab exp to maintain reagent inventories & order supplies. Responsibilities will be focused in lab & supporting dynamic project teams.

QUALIFICATIONS DESIRED

Education: BS org chem with some related academic and/or industrial exp.

Experience: Ability to perform in diverse interdisciplinary environments. Knowledge of basic lab methods 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 to:

kmeyer@lumicyte.com

FAX: 650-625-1776

Phone: 510-226-3953

**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@acusc.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



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AUGUST 2001 NEWSLETTER TOPICS:

Professor James D. Morrison will Receive the 2001
Harry and Carol Mosher Award
2001 Shirley Radding Award Recipient Announced
Chair's Message
Help Wanted: An Author's Inspired Aspiration
Calling All Runners
Early Newsletter Notification Service Now Offered
September Dinner Meeting
Editor's Corner
For Your Funny Bone
Points to Ponder

CHEMPLOYMENT ABSTRACTS



<http://www.scvacs.org>

SANTA CLARA VALLEY SECTION

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2000-02	John F. Riley	650-328-4036
2000-02	Ean Warren	650-329-4554
2001-03	Linda Brunauer	408-554-6947
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1999-01	Jon Touster	650-723-4340
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2000-02	Lance Wong	650-829-1148
2001-03	George Lechner	408-226-7262
2001-03	Howard Peters	650-324-1677

Newsletter Editor

Laura Rasay 650-859-4782
e-mail: laura.rasay@sri.com

FUTURE MEETINGS

Aug 26-30	222nd National ACS Meeting Chicago, IL
Sep 6	Biodegradation of MTBE under Methanogenic Conditions <i>N. Calif. MTBE Committee</i>
Sep 12	Executive Committee Meeting
Sep 20	SCV Dinner Meeting Santa Clara, CA
Oct 7-10	Proteomics Chemistry Leesburg, VA
Oct 18	SCV Dinner Meeting Dr. Richard Zare
Oct 28-31	Western Regional Meeting Santa Barbara, CA
Nov 4-10	National Chemistry Week

CHEMPLOYMENT ABSTRACTS

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



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