

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 23 No. 10

## The Birth and Death of a Beer Bubble

### Abstract

Bubbles have a timeless appeal to the young and the old alike. This talk will discuss the physics and chemistry behind bubbles, fizz, and foam. It will feature more than six lecture demonstrations, so only the brave and the foolhardy should sit in the front row. After this talk, you are likely never to look at a carbonated beverage in quite the same way again!

### Biography

Dr. Richard N. Zare, who is the Marguerite Blake Wilbur Professor in Natural Science at Stanford University, was born on November 19, 1939 in Cleveland, Ohio. Dr. Zare graduated from Harvard University with a B.A. degree in chemistry and physics in 1961 and a Ph.D. in chemical physics in 1964. In 1965 he became an assistant professor in the Department of Chemistry at the Massachusetts Institute of Technology then moved to the University of Colorado in 1966,



remaining there until 1969 while holding joint appointments in the departments of chemistry and physics. In 1969 he was appointed to a full professorship in the chemistry department at Columbia University, becoming the Higgins Professor of Natural Science

in 1975. He then moved to Stanford University in 1977.

Professor Zare is renowned for his research in the area of laser chemistry, resulting in a greater understanding of chemical reactions at the molecular level. By experimental and theoretical studies, he has made seminal contributions to our knowledge of molecular collision processes and significantly contributed to solving a variety of problems in chemical analysis. His development of laser induced fluorescence as a method for studying reaction dynamics and for analyzing complex mixtures for their constituent components has been widely adopted in other laboratories.

## Chair's Message

The large national Chicago meeting left me with some 'warm fuzzies' thanks to our local section. Peter Rusch again planned the perfect event to present the Shirley B. Radding Award to this year's recipient. Norm LaBel, the deserving awardee, is a professor emeritus of Wayne State University, which happens to be the school where Shirley began her chemistry education. Wayne State graciously offered their University reception (mixer) as a place to present Norm with the plaque and check, so several

of his colleagues and former students witnessed the presentation. Norm and Shirley worked together on several committees over the years and she was very pleased with his selection as the 2001 awardee.

Now the most gratifying part of the meeting occurred at the ChemLuminary Awards on Tuesday night. Congratulations to Ean Warren and Claire Komives for making it possible for the section to receive the Outstanding New Local Section Younger Chemists Committee Award.

## October Dinner Meeting

**Date:** October 18, 2001

**Time:** 6:00 pm Dinner  
7:00 pm Talk

**Location:** Mudd Chemistry Building  
Stanford University Campus

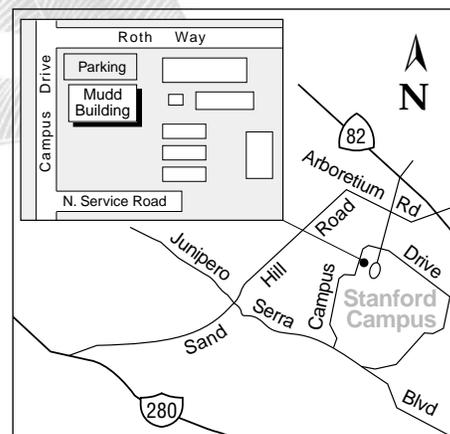
**Speaker:** Dr. Richard Zare  
Stanford University  
— Chemistry Department

**Cost:** \$5 students, \$10 non-students for a light-fare sub-style sandwich dinner with non-alcoholic drinks

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

Reservations should be made by October 15; stating your name, company affiliation, and the number of people in the party. People may also register using our web site:

[www.scvacs.org](http://www.scvacs.org)



This award is national's way of saying 'thank you' for all of your hard work.

Ean Warren, our past chair and

*continued on next page*

*Chair's Message, continued from front page*

new councilor, represented us adequately at the Western District Councilor Caucus. The councilors from the various local sections met together before the council meeting to discuss issues that will affect our western district. Some of the issues were motions on which we would be voting and some were issues that were discussed at various committee meetings. We also had the opportunity to interview the candidates for presidency and the board of directors. In San Diego, Ean was elected to chair the meetings in 2003. This year he was responsible for taking and disseminating the minutes for this very vocal and active group! His organizational abilities that we all appreciate were very evident through-out the meeting!

One reason to attend the national meeting besides 7800+ technical papers is to attend the employment clearinghouse. With the recent changes in the economy, especially here in Silicon Valley, there are more of us in need of career and employment help. Our own Chememployment is very useful and a broader service is now available from national. Visit the new website, <http://www.jobsspectrum.org/index.html>, that serves the entire chemical community by connecting job seekers and employers. When I checked it last, there were 1,323 active jobs listed with 878 companies, all in the chemical science area. Do not forget that networking at your local section meetings is another excellent source of job information.

I have been working on the archival material that will reside in the local section's storage area. We have a wonderful historic collection of old Vortexes (or is it Vortices?) from 1950 through 1976, thanks to Dr. Mosher and Lois Durham. But the collection is very spotty after 1976. And there are no copies of our section's own newsletter which began in 1983! Do any of you have back issues squirreled away in your office or attic? I would appreciate the donation to complete our collection and you could free up some personal space! We will have a 50th anniversary to

## Celebrating a Century of Chemical Activity!

Come Join the California Section  
for a Special Centennial Celebration Program

**Date:** Saturday, October 27, 2001  
**Time:** 10:30 am - 3:30 pm  
**Place:** Dean Leshner Regional Center for the Arts  
1601 Civic Drive  
Walnut Creek, CA 94596  
(public parking garage by theatre, approx. 4 blocks from BART)  
**Cost:** \$15 for a Centennial Luncheon Buffet at Massimo's Restaurant.  
Includes admission to the above program at the theatre  
**Program:** A Centennial Celebration featuring "The First 100 Years of the California Section: 1901-2001," "Agricultural and Food Chemistry: A Prolific Past and Promising Future," plus California Section Posters, special

entertainment with a Centennial Celebration Musical Medley and much more!

**R.S.V.P.** For reservations, please call the California Section office at (925) 287-8055 or email: [office@calacs.org](mailto:office@calacs.org) by October 18. Note that due to a limited seating capacity, only the first 150 guests can be admitted to the luncheon buffet at the lovely restaurant across the street reserved for our group, so please reserve early. Theatre capacity about 300. To guarantee a seat and save time with registration, please send a check for \$15/person payable to ACS at 49 Quail Court, Suite 315, Walnut Creek, CA 94596.



### California Section of ACS Centennial Celebration Program

- 10:30 am California Section Poster Session Opens
- 11:00 am Welcome  
Dr. Marinda Li Wu, California Section Chair
- 11:05 am Outstanding Local Section Award  
"The Future of ACS"  
Dr. Attila Pavlath, ACS President
- 11:20 am "The First 100 Years of the California Section: 1901-2001"  
Dr. Glenn Fuller, Past California Section Chair
- 11:30 am "Agricultural and Food Chemistry: A Prolific Past and Promising Future"  
Dr. James Seiber, USDA Western Regional Research Center Director
- NOON Centennial Luncheon Buffet at Massimo's Restaurant  
(across the street)
- 1:30 pm Special ACS Recognition and Awards  
California Section Medal Award  
Recognition of Past ACS Presidents and CA Section Chairs  
50+ Year ACS Members
- 2:00 pm Centennial Celebration Musical Medley  
Piedmont High School Troubadours
- 3:00 pm Closing Remarks  
Dr. Marinda Li Wu, California Section Chair
- 3:30 pm California Section Poster Session Ends

celebrate in a few years, and the newsletters will be very useful to help us look back. Contact me at

650-812-4994 if you have some memorabilia to donate.

*Sally Peters*

# Nuts and Bolts of a National ACS Meeting

The 222nd national American Chemical Society meeting held in Chicago last month attracted 15,290 registered scientists! That may not have been an overall record (5th largest meeting), but it was the largest turnout for a chemical meeting in Chicago's history. However the exposition did set two records - 328 companies participated (290 was the previous high) and 543 booths were occupied (488 was that previous high). Logistics for a meeting of that size can be staggering yet the national staff and the volunteers of our society have the process well in hand.

Your chair had the opportunity to be involved on the Meetings and Expositions (M & E) committee for the past several years. Shirley Radding, Carol Mosher, Howard Peters, Jack Riley, and others have represented our section in the past on that committee. Have you ever wondered how a meeting site and time are chosen? Those decisions are not made lightly.

First of all, the decisions are now made 12 years in advance of the meeting! When you need to find suitable space for 15,000+ people, 7000+ papers given in 700+ sessions, and

have 150,000+ square feet of exposition space available, that limits your options. No other conference has our unique criteria. Pittcom and Comdex require more exposition space, but not the 150+ meeting rooms. Other non-technical conferences require more meeting rooms, but not the exposition space. You may have wondered why we go to the same cities for meetings; those statistics are the answer.

Convention and Visitors Bureaus work closely with our staff in Washington to give us the best choices possible. There are 'tiers' of cities that can host various sized meetings and we definitely need the top tier. In May, three members of the site selection subcommittee from M & E plus staff paid a visit to St. Louis to see if they would be able to host us in the future, we have not been there since 1984. After a day and a half of counting sleeping rooms, looking at hotel ballrooms and convention center meeting rooms, we sadly agreed that St. Louis does not have appropriate facilities to host the 2013 meeting. They have an adequate airport, are within driving distance of much of the

industrial East, do not charge admission to their many museums, and have great food! But they cannot guarantee us 5,000 hotel sleeping rooms and supply meeting rooms within close proximity of the convention center.

Now you can understand why we see so much of San Francisco, Washington, Chicago, New Orleans, Anaheim, and Boston. Some cities like Dallas and Houston have good convention centers, but the lack or location of the hotels is critical. On the other hand cities like Las Vegas have abundant hotels but an inadequate convention center or other detractors. In the future, we are returning to some 'tier II' cities that we hope will work. In 2003 we go to New York for the first time since 1991 and in 2004 we will be in Philadelphia after a 20-year hiatus.

You also may grumble about the cost of hotel rooms, but that is taken into consideration, too. We are aware that with recent programs on the web, i.e. Priceline, you can frequently get cheaper hotel room prices. Generally a conference hotel will only guarantee us 80% of their rooms, so there are still 20% available. You are free to book your own reservations at a lower rate. But wasn't ACS's new PassKey registration programming a big improvement over past meetings?

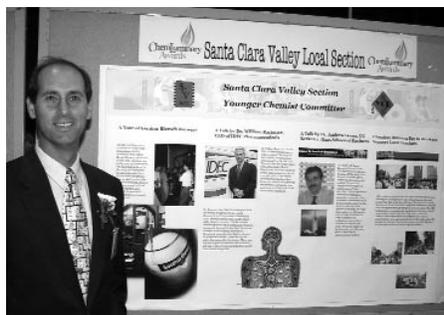
Another reason for choosing the same large cities is financial. If enough scientists do not attend, the meeting loses money. The Board of Directors charged M&E last year that the meetings must be self-sustaining. That can occur by raising the cost of registration drastically or planning meetings in cities that will draw a large attendance. These are a few of the many reasons we have not been in San Antonio, Denver, or Seattle recently nor in Memphis, Cincinnati, or Nashville ever.

Personally, my two largest complaints with the logistics of the Chicago meeting were the late buses on Monday afternoon and worse yet, running out of beer at SciMix! I can live with those problems!

## Local Section Younger Chemists Committee Wins ChemLuminary Award

The ChemLuminary Awards, a gala event sponsored by the National ACS, took place on Tuesday, August 28th at the ACS National Meeting in Chicago. This event celebrated the efforts of thousands of volunteers who spend countless hours in service to their local sections and divisions. Our local section YCC, under the guidance of Dr. Claire Komives of San Jose State University and Ean Warren of the US Geological Survey, won a ChemLuminary Award for Outstanding New Local Section YCC.

Claire and others on the committee put together a fantastic program featuring a tour of the Gordon-Biersch Brewery; a talk by Dr. William Rastetter, CEO of IDEC Pharmaceuticals; a talk by Dr. Andrew Isaacs, of the UC Berkeley Haas School of Business; and a group of chemists running in the Bay to Breakers for the benefit of local school-teachers. Congratulations to Claire and the rest of the local section YCC. If you want to join and contribute to the YCC, contact Claire at [ycc@scvac.org](mailto:ycc@scvac.org).



*Ean Warren, member of the local section YCC, at the ChemLuminary Awards in front of the poster highlighting local section YCC events in the past year.*

*Photograph by Jim Reynolds*

**Sally Peters**

## Councilors' Report ACS National Meeting August 26-30, 2001 Chicago, Illinois

The ACS national meeting in Chicago was attended by Santa Clara Valley Section Councilors Linda Bruanuer, Bonnie Charpentier, Sally Peters, Jack Riley, Herb Silber, and Ean Warren. Alternate councilor, Peter Rusch, attended for Maureen Scharberg. Overall, the meeting was well-attended and had a wide range of technical programming. A large Career Resource Center sponsored 38 career-development workshops, mock interviews, and resume reviews. Some highlights of the meeting (Radding Award and the ChemLuminary Award to our YCC) are covered elsewhere in the newsletter; this article highlights some other aspects of the meeting of potential general interest to Section members.

### **National Chemistry Week**

It was announced that in 2002 NCW will be moving from November to October. The dates for next year's NCW will be October 20-26. The 2002 theme will be "Chemistry Keeps Us Clean" with a focus on the chemistry of soaps, detergents, and other cleaning products. NCW for 2001 is just around the corner - November 4-10, 2001. The theme is "Celebrating Chemistry and Art". Unifying events will be for K-12 students, a poster session on "Celebrating Chemistry - Then and Now" and for Student Affiliates, a t-shirt design contest with the theme "Chemistry - the Winning Formula". There are many volunteer opportunities for participating in NCW - if you're interested contact Ean Warren, ewarren@scvacs.org or Bonnie Charpentier, 650-354-2344.

### **Council Votes**

There were three petitions for Council action at the Chicago meeting. The first, a petition to increase the size of Society Committees, was withdrawn from urgent action by the petitioners and will be considered at the Orlando meeting. The second petition was to change the wording of the ACS bylaws which were perceived to dis-

## Shirley B. Radding Reception in Chicago

This year's Shirley B. Radding Award recipient is Dr. Norman LeBel, Professor Emeritus at Wayne State University (WSU) in Detroit. The award was presented by Shirley during at the Wayne State University



reception during the recent National ACS Meeting in Chicago. Shirley is an alumna of Wayne University, predecessor of the current WSU. Dr. James Rigby, Chair of the WSU Chemistry Department opened the evening with a few remarks introducing Peter Rusch, Chair of the Radding Award Committee. After describing the criteria for the award, Peter introduced Shirley who made the presentation to Norm LeBel. The presentation was followed by some remarks by Norm LeBel expressing his appreciation for the honor. Chairman of the ACS Board of Directors, Nina McClelland, added her congratulations to Norm.

With the Radding Award open to any ACS member meeting the award criteria, location of the presentation varies depending upon the recipient. This year's presentation at the WSU reception was a particularly fitting and joyous occasion permitting Norm LeBel to be honored not only by our Section but also by his many colleagues and friends at WSU and ACS.



(From right to left) The past Radding Award recipients Howard Peters, Jack Riley, Halley Merrell and Shirley Radding and this year's recipient Norman LeBel.

criminate among nonmember chemical scientists based on their place of residence. Specifically, the wording of the bylaws resulted in nonmember chemical scientists who resided outside the United States paying lower meeting registration fees than nonmember chemical scientists residing in the US. The proposed wording removed the reference to place of residence of a meeting attendee - this petition passed by voice vote. The third petition was to clarify the requirements for membership in the ACS. The petition added a category allowable for membership as follows: "An associate degree or equivalent in a chemical science or chemical technology and five years of employment in a chemical science." This petition passed unanimously. Council also elected members to the Council Policy Committee (CPC), the Committee on Nominations and Elections (N&E) and the Committee on Committees (ConC). For the Santa Clara Valley Section, Herb Silber retained his seat on ConC.

### **Other News**

President-elect Eli M. Pearce salut-

ed the rollout of chemistry.org which is now available as a chemistry portal on-line. He also announced a Councilors' newsletter which is to premier next year with the goals of providing information about Society activities and addressing members' needs. A new journal, the Journal of Proteome Research, is scheduled to debut in 2002. William Hancock has been appointed as editor.

### **Future Meetings**

Symposia at the next national meeting in Orlando (April 7-11, 2002) will address diversity, globalization, energy, and interdisciplinary approaches to education. The Younger Chemists Committee will sponsor a fun run in Orlando and a blood drive at the 2002 fall meeting in Boston.

These brief highlights cover only a few aspects of the national meeting and ACS news. For further details, or to discuss any concerns or ideas you have regarding ACS, please contact one of the Officers or Councilors listed in this newsletter.

**Bonnie Charpentier**



# November Dinner Meeting

**Date:** November 8, 2001

**Time:** 6:00 pm Social Hour

7:00 pm Dinner

8:00 pm Presentation

**Location:** Roche Biosciences  
3401 Hillview Avenue  
Palo Alto, CA  
South of Foothill Expwy  
between Page Mill and  
Arastradero Roads

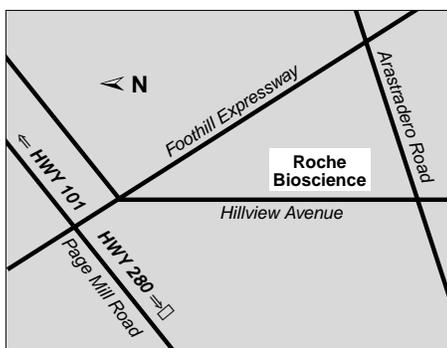
**Speaker:** Susan K. Roberts-  
Manganelli  
Cantor Arts Center  
Stanford University

**Cost:** \$25 for hors d'oeuvres,  
wine, and a buffet dinner

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

Reservations should be made by November 5; stating your name, company affiliation, and the number of people in the party. You may also register using our web site:

[www.scvacs.org](http://www.scvacs.org).



## Abstract

Susan Roberts-Manganelli will help us celebrate during National Chemistry Week by addressing the theme of chemistry and art. Susan is the Manager for Collections, Exhibits, and Conservation at the Stanford's Cantor Arts Center. Her talk will be on the restoration and conservation of art.

## Biography

Susan Roberts-Manganelli is Manager for Collections, Exhibitions and Conservation at the Iris and B. Gerald Cantor Center for Visual Arts at Stanford University. She oversees operations of the registration and

preparation departments in the management of the art collections, manages the planning, preparation and installation processes of exhibitions, and is administrator and developer for the museum-wide database. In addition, as manager of the conservation program her responsibilities include performing and overseeing preservation and conservation treatment of the collection by professional art conservators, including the care of the University's outdoor sculpture collection.

Susan is a graduate of U.C. Berkeley (A.B. '71), the Università Internazionale dell'Arte, and of the Villa Schifanoia Graduate School of Fine Arts (MFA '76), in Florence, Italy. She interned for two years with painting restorer Paolo Gori in Florence after obtaining her MFA in Art Conservation, and ran a private practice in painting conservation on the central coast in California until 1985.

Prior to coming to Stanford, Susan was employed at Hearst San Simeon State Historical Monument in the Registration Department.

At Stanford, Susan was hired as Registrar and Assistant Curator in 1985, and organized the first computerized inventory of the collections in 1988, a project that gained momen-

tum following the Loma Prieta earthquake of 1989. She served as Acting Associate Director for 8 months in 1991 for the Stanford Museum, and later took on supervision of the technical staff as Head of Registration and Conservation under Director Thomas Seligman, organizing the collections packing and move out of the damaged building. While housed with the collections at Brown Building and Encina Gym, Susan and her staff planned and organized the collections review and its conservation, as well as the reinstallation in the newly reconstructed galleries at the museum now known as the Cantor Center for Visual Arts. In the fall of 2000, Susan assumed additional responsibilities as Manager of Exhibitions in addition to that of Collections and Conservation.

She is a member of the International Institute for Conservation of Historic and Artistic Works (IIC), the American Institute for Conservation of Historic and Artistic Works (AIC), the Bay Area Art Conservation Guild (BAACG) and the Western Museum Association for Art Conservation (WMAAC). She continues to run a limited local private practice in painting conservation.

## National Chemistry Week Celebrating Chemistry and Art

During National Chemistry Week, November 4-10, members of the American Chemical Society's 189 local sections, community volunteers nationwide will pay tribute to chemistry, and its contributions to the advancement of the arts and its significance to improving our everyday lives.

NCW activities will include events at local art museums as well as chemical companies, displays in local libraries, and presentations by speakers on art restoration and preservation. If you have ideas about other events or want to participate in

some other way, please contact the National Chemistry Week coordinator, Ean Warren at (650) 329-4554 or [ewarren@scvacs.org](mailto:ewarren@scvacs.org).

The Silicon Valley Chemist is the ACS Santa Clara Valley local section newsletter which is published monthly. The submission deadline for each issue is the **10th** of the month preceding publication. Contact Laura Rasay at 650-859-4782 or [laura.rasay@sri.com](mailto:laura.rasay@sri.com) for more information.

# – Learning Opportunities –

UCSC Extension, the largest provider of continuing education in Silicon Valley and the Central Coast, is proud to announce two new Certificate Programs in Bioinformatics and Clinical Trials Design and Management for Career Development and Enhancement.

**Bioinformatics** (a sample of courses include)

- Introductory Molecular Biology
- Data Modeling, Analysis and Visualization in Bioinformatics
- Experimental Methods in Molecular Biology

- Bioinformatics Tools Databases and Methods
- Gene Expression and Pathways
- Advanced Sequence Analysis in Bioinformatics
- Protein Structure Analysis in Bioinformatics

**Clinical Trials Design and Management** (a sample of courses include)

- Medical/Clinical Terminology
- The Drug and Device Development Process
- Good Clinical Practices

- Clinical Trials Site Monitoring I
- The Science of Clinical Trials
- Practical Clinical Statistics
- Case Report Forms Development
- Quality Systems Compliance
- Clinical Project Management
- Clinical Trials Site Monitoring II
- Devices: Regulatory Strategy and Marketing Pathways

For additional course offerings, course descriptions, or to be added to our mailing list, visit our website:

**<http://www.ucsc-extension.edu>** or call Tanya Doyle at (408) 566-4551.

## CHEMPLOYMENT ABSTRACTS – OCTOBER 2001

### CHEMPLOYMENT ABSTRACTS 3537

*Position Title:* Staff Scientist/Research Scientist

*Job Description:* Provide expertise in mats characterizations, including drug substances, excipient, & polymer mats, & responsible for characterization of rheological, mechanical, thermal, morphological & structural properties that affect performance of mats in drug delivery systems.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS/PhD polymer phys, chem, science, chem engrg or mats sci.

*Experience:* 6+ yrs exp. Knowledge of statistical methods of exptl design & data analysis a plus. Job Code 00-687-GS-CHEM.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

### **ALZA - It's all about IMPROVING LIFE.**

As a research-based pharmaceutical company, ALZA is focused on developing and bringing to market products with enhanced therapeutic value based on our innovative drug delivery technologies. In our role as a developer, manufacturer and marketer of breakthrough products, we are committed to creating innovative solutions to advance patient care. Our mission is to improve the lives of people everywhere.

### CHEMPLOYMENT ABSTRACTS 3538

*Position Title:* Sr. Project Chemist

*Job Description:* Help identify & implement strategies to provide bioanalytical support for toxicology, clinical and/or PK studies. Will include helping ensure that analysis, report & review of study samples complies with SOPs & GLP/GMP stds; reporting on proj status/issues; & preparing justification for outsourcing versus in-house analysis.

**QUALIFICATIONS DESIRED**

*Education:* MS or PhD chem or biochem with emphasis on analytical chromatog & immunochem techniques

*Experience:* 6+ yrs analytical pharmaceutical background including 2 yrs supervisory exp & demonstrated success in IND/NDA report submissions & approvals. Job Code 00-885GS-CHEM

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

### CHEMPLOYMENT ABSTRACTS 3539

*Position Title:* Sr. Chemist/Staff Scientist

*Job Description:* Using liquid & gas chromatography & general chem methods, perform method quality review, including evaluating, enhancing, developing & validating methodologies. With min supervision, establish priorities & timelines & communicate issues & resolutions.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS/PhD chem or pharmaceutical sciences

*Experience:* 5-8 yrs hands-on analytical exp in pharmaceutical industry, knowledge of regulatory requirements for raw pharmaceutical usage & familiarity with GMPs. Job Code 01-239-GS-CHEM

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

### CHEMPLOYMENT ABSTRACTS 3540

*Position Title:* Sr. Chemist

*Job Description:* Provide anal support for studies in macro-mol formulation development on proprietary systems, conduct assay tests, setting up analyst instruments for assay testing, & performing required daily anal testing under min supervision. Duties include developing methods, in-corporating new technologies & instrumentation & performing method transfer.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS biochem, chem or equivalent

*Experience:* 6+ yrs exp protein formulation & analyt chem. Thorough understanding of chromatog (HPLC) & protein analysis, characterization techniques & phys & chem mechs of protein degrdn is critical. JOB CODE 01-330-GS-CHEM

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

### CHEMPLOYMENT ABSTRACTS 3541

*Position Title:* Research Scientist (2 positions)

*Job Description:* Lead the formulation & development of protein products & technical development of 1+ projects for our emerging technologies, as well as design experiments, interpret data and possibly supervise other chemists in the execution of formulation tasks.

**QUALIFICATIONS DESIRED**

*Education:* PhD Pharmaceutical science, chem engrg, biochem or a related field

*Experience:* 3+ yrs exp in protein chem (preferably in a pharmaceutical research or industrial development setting. A thorough understanding of chromatography (HPLC), most protein analysis & characterization techniques, & Physical & chemical mechanisms of protein degradation is essential. JOB CODE 01-259-GS-CHEM and 01-332-GS-CHEM

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

### CHEMPLOYMENT ABSTRACTS 3542

*Position Title:* Chemist II/III/Sr (2 positions)

*Job Description:* Provide analytical method development validation supporting protein/peptide formulation res and prod development, including HPLC, in vitro release rate assays, CE, peptide mapping, SDS-PAGE, & IEF. Analyze samples from res and stability progs, summarize exptl results and stability data in tech reports, present findings & support NDA filings.

**QUALIFICATIONS DESIRED**

*Education:* BS chem or biochem

*Experience:* 2-6 yrs hands-on anal pharma exp is required, including exp with HPLC, CE, SDS-PAGE, IEF & protein/peptide analysis & characterization. Must be familiar with computerized data acquisition systems, GMP environ operations, & major scientific charting software, JOB CODES 01-336-GS-CHEM

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Salary:* Competitive salary & benefits

*Application Instructions:* Send resume indicating Job Code 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](mailto:jobs@alza.com) (ASCII files only)  
Job Hotline: 650-564-5319

# CHEMPLOYMENT ABSTRACTS – OCTOBER 2001

## CHEMPLOYMENT ABSTRACTS 3535

*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 3536

*Position Title:* Research Associate, Medicinal Chemistry

*Job Description:* Synthesize novel org molecules with potential biological activity & will focus efforts on optimizing chem leads for potency, selectivity & pharmacokinetic profile.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS org chem.  
*Experience:* A minimum of 2 yrs lab exp in org synthesis

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* South San Francisco  
*Salary:* Competitive salary with an attractive equity position & full benefits.  
*Description of Employer:* A leading biopharmaceutical company focused on development of novel small molecule drugs that work thru regulation of gene expression.

Application Instructions: Send resume to: Email: resume@tularik.com  
or:  
Tularik Inc.  
HR Department  
Two Corporate Drive  
South San Francisco, CA 94080  
www.tularik.com

## CHEMPLOYMENT ABSTRACTS 3543

*Position Title:* Chemistry Instructor

*Job Description:* Teach the full range of freshman & sophomore level college chemistry courses (General Chemistry - Organic Chemistry), develop innovative approaches to teaching. A detailed job description can be viewed on the Internet on Cabrillo's web page: <http://www.cabrillo.cc.ca.us>

**QUALIFICATIONS DESIRED**

*Education:* (1) California Community College Instructor credential in chemistry or (2) Meet CA State minimum qualifications or equivalency

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Aptos, California  
*Salary:* \$42,383 to \$65,011 plus benefits package up to \$9,231 per month  
*Description of Employer:* Cabrillo Community College is an EO/AE/ADA employer, located in the vibrant university community of Santa Cruz on the Monterey Bay.

Application Instructions: Required application forms must be obtained from and returned to: Cabrillo Community College  
Personnel Department  
6500 Soquel Drive  
Aptos, CA 95003  
Phone: 831-479-6217

## CHEMPLOYMENT ABSTRACTS 3544

*Position Title:* Research Associate, Analytical Chemistry

*Job Description:* Perform high thruput quantitative & qualitative analysis of org cpd libraries. Will be responsible for technology advancement in high thruput analysis; operating, maintaining & troubleshooting LC/MSs.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS Chem  
*Experience:* 1-5 yrs industry exp in mass spect & analytical chem; hands-on exp with HPLC, mass spect, LC/MS, MS/MS & detection methods (UV,ELSD, CLND, etc.); working knowledge of analytical instrumentation & strong written/verbal communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* South San Francisco  
*Salary:* Competitive

Application Instructions: Send resume to: ChemRx Advanced Technologies, Inc., HR Dept., Attn: Job# N01-ARA-SCA  
385 Oyster Point Blvd., Suite 1  
South San Francisco, CA 94080  
Email: hr@chemrx.com  
www.chemrx.com

## CHEMPLOYMENT ABSTRACTS 3545

*Position Title:* Research Associates, Synthetic Organic/Combinatorial Chemistry

*Job Description:* Apply synthetic organic, medicinal, process, combinatorial & computational chem to discovery of new drug candidates; design/synthesize org compounds & combinatorial libraries for evaluation as part of continuing combi-chem programs.

**QUALIFICATIONS DESIRED**

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

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* South San Francisco  
*Salary:* Competitive

Application Instructions: Send resume to: ChemRx Advanced Technologies, Inc., HR Dept., Attn: Job# N01-ARA-SCA  
385 Oyster Point Blvd., Suite 1  
South San Francisco, CA 94080  
Email: hr@chemrx.com  
www.chemrx.com

## CHEMPLOYMENT ABSTRACTS 3546

*Position Title:* Chromatography Chemist (RA/SRA)

*Job Description:* Synthesis & purification of peptides & other small molecules by automated methods, as well as analysis & HPLC preparation of such molecules.

**QUALIFICATIONS DESIRED**

*Education:* Ms or BS in chemistry  
*Experience:* 2+ yrs of industrial exp. Substantial exp with HPLC & peptide synthesis equipment & its operation. Familiarity with typical analytical instruments & procedures, such as mass spect, NMR, IR & TLC. Excellent verbal & written communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* South San Francisco  
*Salary:* Competitive  
*Description of Employer:* We're committed to channeling the strength of an internationally growing company into bio-pharmaceutically innovation.

Application Instructions: Send resume to: Email: elanpharma@rpc.webhire.com indicating Job Code 50510041-ACS or FAX to Attn: Elan Pharmaceuticals, 800-295-2479  
Elan Pharmaceuticals  
700 Gateway Blvd.  
South San Francisco, CA 94080

## CHEMPLOYMENT ABSTRACTS 3547

*Position Title:* Scientist/Engineer

*Job Description:* Develop, validate & implement methods for electrochemical detection of enzyme activity in high throughput.

**QUALIFICATIONS DESIRED**

*Education:* MS or PhD, electrochem, electrical engrg or related field  
*Experience:* At least 5 yrs exp in electrochem detection of enzyme activity. Exp with biosensors & a basic knowledge of biochem & enzymology essential.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Redwood City  
*Salary:* Commensurate with exp.  
*Description of Employer:* Leader in design, development & application of directed evolution technologies to evolve new properties into single genes, multigene pathways, plasmids, viruses & genomes.  
www.maxygen.com

Application Instructions: Send resume to: jobs@maxygen.com or mail to: Maxygen, Inc.  
HR, Job Code NT-195  
515 Galveston Drive  
Redwood City, CA 94063  
FAX: 650-298-5453

## CHEMPLOYMENT ABSTRACTS 3548

*Position Title:* Analytical Chemistry Supervisor

*Job Description:* Supervision of proj with firm schedules deadlines & specific quality criteria. Long-term, multi-year proj to produce, test, & package anal proficiency test samples for occupational exposure monitoring, including org solvents, metals, cryst, SiO2, & asbestos fibers. Management & training of 4 staff, verbal & written communications with proj team & client staff answering inquiries, resolve issues & develop new programs.

**QUALIFICATIONS DESIRED**

*Education:* Ms chem or related field; Certification in chem practice by Am Board of Ind Hygiene desirable.  
*Experience:* Anal expertise in gas chromatog, FTIR, ICP/AA, phase contrast microscopy. Previous exp in ind hygiene analyses & aerosol generation methods a plus.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Menlo Park  
*Salary:* Competitive salary & benefits  
*Description of Employer:* An independent R&D org  
  
Application Instructions: Send resume to: Employment & Diversity Specialist  
SRI International, EL356  
333 Ravenswood Avenue  
Menlo Park, CA 94025  
Email: victoria.bautista@sri.com  
FAX: 650-859-4222

## CHEMPLOYMENT ABSTRACTS 3549

*Position Title:* Analytical Chemist

*Job Description:* Pesticide residue analysis

**QUALIFICATIONS DESIRED**

*Education:* BS/MS chemistry  
*Experience:* Minimum 3 yrs analytical Lab exp. Exp with GC/HPLC/Other. Demonstrated discipline with record keeping & reasonable communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Monterey area (Salinas)  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Analytical lab doing pesticide & microbiological residue analysis.

Application Instructions: Send resume and salary requirements to: Saji George  
Analytical Biochem, Inc.  
P.O. Box 6278  
Salinas, CA 93912  
FAX: 831-758-2625  
Email: sgeorge@trece.com

## CHEMPLOYMENT ABSTRACTS 2550

*Position Title:* Laboratory Technician

*Job Description:* Pesticide residue analysis & microbiological testing

**QUALIFICATIONS DESIRED**

*Education:* BS  
*Experience:* Microbiology and/or chemistry background. Basic lab skills. Exp with GC/HPLC desirable. Demonstrated discipline with record keeping & reasonable communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Monterey area (Salinas)  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Analytical lab doing microbiological & pesticide residue analysis.

Application Instructions: Send resume & salary requirements to: Saji George  
Analytical Biochem Inc.  
P.O. Box 6278  
Salinas, CA 93912  
FAX: 831-758-2625  
Email: sgeorge@trece.com

## CHEMPLOYMENT ABSTRACTS 2551

*Position Title:* Project Engineer

*Job Description:* Develop & test products for combustion & fuel reforming for fuel cell applications with process & design calculations.

**QUALIFICATIONS DESIRED**

*Education:* BS, MS, or PhD in Chem Engrg  
*Experience:* 5 yrs exp after BS in research & product development related to fuel, combustion, fuel reforming for fuel cell, catalytic development or petroleum refining.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Santa Clara  
*Salary:* Competitive salary & benefits  
*Description of Employer:* Growing, innovative energy & environmental company

Application Instructions: Send resume to: Altex Technologies Corp.  
650 Nuttman Road, Suite 114  
Santa Clara, CA 95054  
FAX: 408-980-8611  
Email: jobs@altextech.com  
(include resume in body of email as well as attached)

## CHEMPLOYMENT ABSTRACTS 3552

*Position Title:* Project Technical Leader Job #628

*Job Description:* Develop tech concepts, models & define tasks for members of tech team & supervise execution of tasks in areas of catalyst development, catalytic process development & device development. Also work with Business Development Leader & VP of R&D to develop tech targets, task plan & schedule for program.

**QUALIFICATIONS DESIRED**

*Education:* PhD chem engrg of phys chem or equiv com of education & exp.  
*Experience:* 5+ (10+ preferred) yrs in related process development & catalysis. Exp in catalyst dev & catalytic proc development. Established track record in leading a tech team. Strong leadership skills required.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
*Description of Employer:* New startup in field of new energy technology

Application Instructions: Send resume to: HR Department  
Catalytica Energy Systems, Inc  
430 Ferguson Drive  
Mountain View, CA 94043-5272  
FAX: 650-968-7129  
www.CatalyticaEnergy.com

# CHEMPLOYMENT ABSTRACTS — OCTOBER 2001

## CHEMPLOYMENT ABSTRACTS 3553

*Position Title:* Scientist, Job #01-51R

*Job Description:* Responsible for designing & running stability tests for various raw mats used in pharmaceutical packaging mats. Duties include developing & documenting protocols & SOPs for physical testing of polymers, calibration of instruments, acquisitions, analysis & presentation of data.

### QUALIFICATIONS DESIRED

*Education:* MS mats Sci, Chem or equiv; or a grad degree with at least 3 yrs exp in pharmaceutical ind or in polymer testing facility is desired.

*Experience:* Familiarity with polymer testing equipment such as instron, DSC, etc is desired. Must be familiar with concepts of DOE, calibration, as well as documentation & report writing. Must have good communication skills & ability to work in team environment.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Hayward

*Salary:* 45k-70k

*Description of Employer:* Visit [www.aradigm.com](http://www.aradigm.com)

Application Instructions: Send resume to:

Email: [barticec@aradigm.com](mailto:barticec@aradigm.com)

FAX: 510-265-0277

## CHEMPLOYMENT ABSTRACTS 3554

*Position Title:* Associate Scientist/Scientist Job #AS01-45R

*Job Description:* Support testing & release of aerosol devices by HPLC & other physical qualitative & quantitative analytical test methods. Will jointly share responsibility for day to day scheduling of lab activities in device testing lab & supervise 2 junior analysts as appropriate.

### QUALIFICATIONS DESIRED

*Education:* BS/BA chem/biol & specialized course work in relevant scientific discipline & 4 + yrs of related exp, or MS or equiv & 2+ exp

*Experience:* Knowledge of HPLC, USP/NF analytical methods & cGMP practices, possess tech skills sufficient to safely & efficiently conduct expts & guide & support staff. Report data in clear & accurate manner. prepare written reports & know regulatory requirements for raw mats, CMC & stability activities. Excellent written & oral communication skills required

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Hayward

*Salary:* 45k-65k

*Description of Employer:* Visit [www.aradigm.com](http://www.aradigm.com)

Application Instructions: Send resume to:

Email: [barticec@aradigm.com](mailto:barticec@aradigm.com)

FAX: 510-265-0277

## CHEMPLOYMENT ABSTRACTS 3555

*Position Title:* Senior Scientist Job #SC01-50R

*Job Description:* Responsible for developing QA/QC tests for polymeric mats. Also develop & document protocols & SOPs to correlate mat properties with prod performance, set up in-house test facilities, identify external test facilities, work with other scientists & engineers to trouble shoot on mat issues. May require occasional presentation of mats & consultation with management for qualifying mat suppliers.

### QUALIFICATIONS DESIRED

*Education:* PhD polymers/mat sci or equiv or graduate degree with at least 7 yrs exp in pharmaceutical ind or in a polymer testing facility is desired.

*Experience:* Knowledge of polymer characterization methods such as spect, DSC, etc & correlation of polymer props to its functional performance is required. Some exp in proj management or leading teams for prod solving is preferred. Must have excellent communication skills.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Hayward

*Salary:* Negotiable

*Description of Employer:* Visit [www.aradigm.com](http://www.aradigm.com)

Application Instructions: Send resume to:

Email: [barticec@aradigm.com](mailto:barticec@aradigm.com)

FAX: 510-265-0277

## CHEMPLOYMENT ABSTRACTS 3556

*Position Title:* Associate Scientist Job #AS01-52R

*Job Description:* The primary role is to work on supporting insulin prod development activities on dosage form & devices. Also support validation of analytical methods under the direction of senior analytical personnel. Will work closely with other members of Pharmaceutical Sciences & with other departments.

### QUALIFICATIONS DESIRED

*Education:* BA/BS chem, biol sci, or related field  
*Experience:* A min of 1-2 yrs exp in pharmaceutical industry. HPLC exp working in GMP environment is desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Hayward

*Salary:* Negotiable

*Description of Employer:* Visit [www.aradigm.com](http://www.aradigm.com)

Application Instructions: Send resume to:

Email: [barticec@aradigm.com](mailto:barticec@aradigm.com)

FAX: 510-265-0277

## CHEMPLOYMENT ABSTRACTS 3557

*Position Title:* Research Associate Medicinal Chemistry

*Job Description:* Responsible for synthesis & purify of novel drug candidates, also including synthetic, medicinal & combinatorial chem knowledge to discovery of new drug candidates, design & synthesis of org cpds & combinatorial libraries. Good lab practices including good safety practices, maintenance & use of equipment & facilities, lab notebook recording & stocking of general chem & lab supplies. Will communicate with all research groups within GeneSoft in both general scientific discussions as well as presentation of results.

### QUALIFICATIONS DESIRED

*Education:* BS/MS chem

*Experience:* 1-2 yrs practical exp in org synthesis, preferably in a medicinal or combinatorial chem environ. Have a solid knowledge of org chem & be familiar with std analytical tech including NMR & LC/MS & purification tech (e.g. column chromatog & HPLC). Ability to work independently is essential.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* South San Francisco

Application Instructions: Send resume to:

Email: [info@genesoft.com](mailto:info@genesoft.com)

GeneSoft, Inc.

Attn: Human Resources

7300 Shoreline Court

South San Francisco, CA 94080

FAX: 650-827-0478

## CHEMPLOYMENT ABSTRACTS 3563

*Position Title:* Chemist II

*Job Description:* Work independently to provide analytical support using immunoassays (ELISA, Western blot) & SDSPAGE methods to the development of biopharmaceuticals. Responsible for design, development, execution & validation of these methods for use in a cGMP environment.

### QUALIFICATIONS DESIRED

*Education:* BS/S biol or chem

*Experience:* Min 2 yrs of direct exp in assay design & development. Exp with stability studies, reference stds characterization, HPLC, GC, CE, LC-MS, UV-Vis, NMR techniques a plus. Excellent bench work, communication & documentation skills required.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Menlo Park

*Description of Employer:* SRI Intl has been a leading independent R&D organization in the Silicon Valley for over 50 yrs.

Application Instructions: Send resume to:

Victoria Bautista

Employment & Diversity Specialist

SRI International, EL356

333 Ravenswood Avenue

Menlo Park, CA 94025

FAX: 650-859-4222

Email: [victoria.bautista@sri.com](mailto:victoria.bautista@sri.com)

Website: [www.sri.com](http://www.sri.com)

## CHEMPLOYMENT ABSTRACTS 3564

*Position Title:* Chemist I/II (Analytical)

*Job Description:* Perform analyses on chem/drug substances for toxicology studies using primarily HPLC & spectroscopic methodologies; write analytical protocols & reports; HPLC method development & validation; analytical support for drug prods under cGMP requirements. Must be able to work under GLP regulatory environment & meet timelines.

### QUALIFICATIONS DESIRED

*Education:* BS chem or related field

*Experience:* 1-5 yrs relevant exp; computer fluency with Excel spreadsheets & Microsoft Word.

Preplacement exam required.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Menlo Park

*Salary:* Competitive salary

*Description of Employer:* SRI Intl has been a leading independent R&D organization in the Silicon Valley for over 50 yrs.

Application Instructions: Send resume to:

Victoria Bautista

Employment & Diversity Specialist

SRI International, EL356

333 Ravenswood Avenue

Menlo Park, CA 94025

FAX: 650-859-4222

Email: [victoria.bautista@sri.com](mailto:victoria.bautista@sri.com)

Website: [www.sri.com](http://www.sri.com)

## CHEMPLOYMENT ABSTRACTS 3565

*Position Title:* Protein Separation Scientist RQ#27

*Job Description:* Responsibilities include development & automation of protein BioChip sample application & elution protocols involving diverse BioChip surfaces. Evaluation of BioChip protein binding will be assessed by time-of-flight mass spect.

### QUALIFICATIONS DESIRED

*Education:* PhD or at least 10 yrs exp involving separation science related developments

*Experience:* Preference will be given to those with industrial exp in separation science. 1-5 yrs academic or industrial exp. Exp with protein immobilization chemistries; operation & maintenance of HPLC instrumentation; familiarity with mass spect

### 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:

Email: [kmeyer@lumicyte.com](mailto:kmeyer@lumicyte.com)

FAX: 650-625-1776

Phone: 510-226-3953

## CHEMPLOYMENT ABSTRACTS 3566

*Position Title:* Biochip Quality Control Methods Development Scientist. RQ#14

*Job Description:* Develop, document & implement quality control protocols to characterize performance of a diverse set of protein-binding biochips. Intermediary stages of biochip assembly will be characterized by surface analysis methodologies & final performance of protein mass spect.

### QUALIFICATIONS DESIRED

*Education:* BS degree chem or biochem

*Experience:* at least 3 yrs of hands-on academic or industrial exp with chromatog protein separation & protein phys characterization methods. Familiarity with surface analysis instrumentation (FTIR-Microscope, Contact Angle & Ellipsometry) beneficial as well as hands-on exp with protein mass spect (MALDI-TOF).

### 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:

Email: [kmeyer@lumicyte.com](mailto:kmeyer@lumicyte.com)

FAX: 650-625-1776

Phone: 510-226-3953

## CHEMPLOYMENT ABSTRACTS 3567

*Position Title:* Senior Research Associate II (RF1-328)

*Job Description:* Perform lab research to discover safe, cost effective & scalable solution-phase organic synthesis processes for investigation drug candidates & commercial products.

### QUALIFICATIONS DESIRED

*Education:* PhD, BS or MS with 5+ yrs experience

*Experience:* 0-5 yrs of related experience

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City

*Description of Employer:* Gilead Sciences discovers, develops, manufactures, markets, & sells therapeutics for viral, fungal & bacterial infections and cancer.

Application Instructions:

Gilead Sciences

Interested candidates should

apply online at

[www.gilead.com](http://www.gilead.com)

## CHEMPLOYMENT ABSTRACTS 3568

*Position Title:* Research Scientist (BF1-200)

*Job Description:* Design, execute & analyze the results of preformulation, formulation & process development experiments leading to commercial formulation and manufacturing processes.

### QUALIFICATIONS DESIRED

*Education:* PhD pharmaceuticals or pharmaceutical chem

*Experience:* 0-5 yrs of related experience

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Foster City

*Description of Employer:* Gilead Sciences discovers, develops, manufactures, markets, & sells therapeutics for viral, fungal & bacterial infections and cancer.

Application Instructions:

Gilead Sciences

Interested candidates should

apply online at

[www.gilead.com](http://www.gilead.com)

## CHEMPLOYMENT ABSTRACTS 3569

*Position Title:* Scientist - LCMS

*Job Description:* Responsible for pre-clinical analytical R&D strategies utilizing Mass spect & LC-MS/MS. Develop LC-MS/MS based analytical methods for identification, quant-ification & characterization of drug & metabolite therapeutics from samples of biological origin & pharmaceutical formulations. Candidate will effectively supervise one or more analysts.

### QUALIFICATIONS DESIRED

*Education:* PhD chem or related field with a min 2 yrs industry exp or BS/MS chem with 5+ yrs exp required.

*Experience:* Possess excellent communication, math & instrumentation skills as well as thorough documentation practices. Possess ability to work in a team environment & under timelines. Exp with ESI/APCI methods required. Exp with Ion trap & triple quad highly desirable.

### LOCATION, SALARY, MAIL ADDRESS

*Location:* Alameda

*Salary:* Competitive salary & benefits & stock options

*Description of Employer:* A leader in ophthalmology

Application Instructions: Send resume to:

Human Resources, Job Code SCILCMS01

InSite Vision

965 Atlantic Avenue, Alameda, CA 94501

FAX: 510-747-1374 Email: [leslieza@insite.com](mailto:leslieza@insite.com)

**CHEMPLOYMENT ABSTRACTS 3570**

*Position Title:* Research Assistant/Analytical Chemist

*Job Description:* Responsible for analytical method development & phys/chem characterization of org & inorg compounds.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS analytical chemistry  
*Experience:* At least 3-5 yrs exp. Strong knowledge of HPLC/GC, GPC, FTIR, UV-Vis

**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  
46975 Fremont Blvd.  
Fremont, CA 94538  
FAX: 510-226-3979  
Email: jobs@ultraphotonics.com  
www.ultraphotonics.com

**CHEMPLOYMENT ABSTRACTS 3571**

*Position Title:* Research Assistant/Organo-metallic Chemist

*Job Description:* Responsible for the synthesis of new organic & organometallic compounds.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS in organic/organometallic  
*Experience:* At least 5-7 yrs of industrial experience performing organic chemistry

**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  
46975 Fremont Blvd.  
Fremont, CA 94538  
FAX: 510-226-3979  
Email: jobs@ultraphotonics.com  
www.ultraphotonics.com

**CHEMPLOYMENT ABSTRACTS 3572**

*Position Title:* Research Scientist/Organo-metallic Chemist

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

**QUALIFICATIONS DESIRED**

*Education:* PhD in organic/organometallic Chemistry  
*Experience:* At least 3-5 yrs hands on bench synthesis experience, extensive experience 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 with to:  
UltraPhotonics, HR  
46975 Fremont Blvd.  
Fremont, CA 94538  
FAX: 510-226-3979  
Email: jobs@ultraphotonics.com  
www.ultraphotonics.com

**CHEMPLOYMENT ABSTRACTS 3558**

*Position Title:* Sr. Chemist/Staff Scientist

*Job Description:* Conduct electrotransport studies & perform electrochem research to support development of iontophoretic drug delivery systems. Investigate transport properties of drug candidates, characterize electrode performance, evaluate mat suitability & develop novel in vitro testing methods.

**QUALIFICATIONS DESIRED**

*Education:* MS, electrochem, matl sci or related field & 8+ yrs exp; PhD with 3+ yrs exp. Equiv combination of education/work exp may be considered.  
*Experience:* Exp in methods of exptl electrochem including cyclic voltammetry, bulk electrolyses & impedance analysis. & mass transport

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
Application Instructions: Send resume to:  
Alza Corporation  
HR Dept., Job Code 01-377-CHEM  
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

**ALZA - It's all about IMPROVING LIFE.**

As a research-based pharmaceutical company, ALZA is focused on developing and bringing to market products with enhanced therapeutic value based on our innovative drug delivery technologies. In our role as a developer, manufacturer and marketer of breakthrough products, we are committed to creating innovative solutions to advance patient care. Our mission is to improve the lives of people everywhere.

**CHEMPLOYMENT ABSTRACTS 3559**

*Position Title:* Staff/Research Scientist

*Job Description:* Develop, improve & validate analytical test methods & perform or outsource & document appropriate tests. Evaluate new technol/instrumentation, oversee contract labs & train personnel.

**QUALIFICATIONS DESIRED**

*Education:* PhD chem, Chem Engrg, Matl Sci or related scientific discipline  
*Experience:* 0-6 yrs lab exp. Tech expertise & hands-on exp in matls characterization techniques & knowledge in polymer & pharmaceutical ingredients is essential. Pharmaceutical industry exp a plus.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
Application Instructions: Send resume to:  
Alza Corporation  
HR Dept., Job Code 01-382-CHEM  
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

**CHEMPLOYMENT ABSTRACTS 3560**

*Position Title:* Chemist II/III

*Job Description:* Perform method development/validation & analytical raw matl testing using compendial & in-house methods including qual/quant analysis; thin-layer chromatog, titration, IR & UV-Vis in cGMP regulated environment.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS chem or related field  
*Experience:* 2-8 yrs exp (BS level) or 1-7 yrs exp (MS level). Computer proficiency & ability to write tech AAMs & SOPs are necessary. Should be qualified to perform calibration on some wet chem lab equipment.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
Application Instructions: Send resume to:  
Alza Corporation  
HR Dept., Job Code 01-384  
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

**CHEMPLOYMENT ABSTRACTS 3561**

*Position Title:* Sr. Chemists/Staff Scientists (2 positions)

*Job Description:* Using liquid & gas chromatog & general chem methods, perform method quality review, including evaluation, enhancing, & developing & validating methodologies. With min supervision, establish priorities & timelines & communicate issues & resolutions.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS/PhD chem or pharmaceutical Sciences  
*Experience:* 5-8 yrs hands-on analytical exp in pharmaceutical industry, knowledge of regulatory requirements for raw pharmaceuticals usage & familiarity with GMPs.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
Send resume to:  
Alza Corporation  
HR Dept., Job Code 01-239-CHEM  
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

**CHEMPLOYMENT ABSTRACTS 3562**

*Position Title:* Sr. Chemist/Staff Scientist

*Job Description:* Develop, Validate & implement NIR methods for applications to prods & expand range of NIR capabilities. Conduct hands-on exptl work characterization matls & prods; recommend analytical approaches & maintain a GMP lab environment. May also perform analyses, investigations & instrument qualifications & work with other spectroscopy, microscopy & imaging technologies.

**QUALIFICATIONS DESIRED**

*Education:* BS/MS chem, phys or a related field with 8+ yrs exp or PhD & 0-3 yrs exp.  
*Experience:* A strong understanding of spectroscopy principles & excellent communication skills are essential. Exp in a regulated industry with NIR & chemometrics, chemistry & physical properties of polymers is desired.

**LOCATION, SALARY, MAIL ADDRESS**

*Location:* Mountain View  
Send resume to:  
Alza Corporation  
HR Dept., Job Code 01-372-CHEM  
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 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**

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University of California,  
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Santa Barbara, CA 93106-9510  
e-mail: lamb@chem.ucsb.edu

**Mojave Desert Section**

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NAWCWD, Code 4T4220D  
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China Lake, CA 93555  
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e-mail: zarrasp@navair.navy.mil

**Orange County Section**

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Hycor Biomedical  
78272 Chapman Avenue  
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714-895-9558  
Ron Denedour  
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Mission Viejo, CA 92691-3306

**Sacramento Section**

John R. Bingham  
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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



**SANTA CLARA VALLEY SECTION  
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#### OCTOBER 2001 NEWSLETTER TOPICS:

The Birth and Death of a Beer Bubble  
October Dinner Meeting  
Chair's Message  
Celebrating a Century of Chemical Activity!  
Centennial Celebration Program  
Nuts and Bolts of a National ACS Meeting  
Local Section Younger Chemists Committee Wins  
ChemLuminary Award  
Councilor's Report - ACS National Meeting  
Shirley B. Radding Reception in Chicago  
November Dinner Meeting  
National Chemistry Week - Celebrating Chemistry  
and Art  
Learning Opportunities

#### CHEMPLOYMENT ABSTRACTS



#### SANTA CLARA VALLEY SECTION

##### 2001 SECTION OFFICERS

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

##### Councilors

1999-01	Bonnie Charpentier	650-354-2344
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2000-02	Maureen Scharberg	408-924-4966
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2000-02	Ean Warren	650-329-4554
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1999-01	Peter Rusch	650-941-8120
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

<b>Oct 7-10</b>	Defining the Proteomics Agenda Leesburg, VA
<b>Oct 18</b>	SCV Dinner Meeting Fizzics of Beer Bubbles <i>Dr. Dick Zare</i>
<b>Oct 27</b>	California Section's Centennial Celebration Walnut Creek, CA
<b>Oct 28-31</b>	Western Regional Meeting Santa Barbara, CA
<b>Nov 1</b>	Northern California MTBE and Fuel Oxygenates Meeting San Jose, CA
<b>Nov 4-10</b>	National Chemistry Week
<b>Nov 8</b>	SCV Dinner Meeting <i>Susan K. Roberts-Manganelli</i>

#### CHEMPLOYMENT ABSTRACTS

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