

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 27 No. 8

## September Dinner Meeting Search for Extraterrestrial Intelligence (SETI)

Seth Shostak, SETI Institute

### Abstract

Dr. Shostak will present an overview of the SETI Institute, its programs, and areas of research. The SETI Institute is the oldest and most prestigious organization pursuing the scientific search for extraterrestrial intelligence (SETI) and the many disciplines that comprise the science of astrobiology, or life in the universe. The mission of the Institute is "to explore, understand and explain the origin, nature and prevalence of life in the universe". SETI Institute scientists are pursuing research in extrasolar planet discovery, the evolution of stars and planets, biology in extreme environments, the chemistry of the interstellar medium,



geology in our solar system, and many other projects. SETI Institute scientists are included on the teams of many of the successful space exploration missions, including the Mars Rovers and Cassini-Huygens mission to Saturn's moon Titan.

The Institute recently concluded the most extensive targeted search of nearby stars for signals from other civilizations. Project Phoenix viewed about 1,000 stars for indications of artificial emissions indicative of other-worldly intelligence. While no signals were discovered with Project Phoenix, the continuing discovery of the vast numbers of planets beyond our solar

*continued on next page*

## Chair's Message

Your July issue of the Silicon Valley Chemist included an important Questionnaire about your relation to section activities. It is important because we expect to better serve your needs as an ACS member, if you tell us about your choices. Send your survey form to our web site,

<http://www.scvacs.org> or by FAX to 650-328-8883, or mail to SCVACS, P.O. Box 561, Palo Alto, CA 94392-0561, or phone any section officer (list in Newsletter).

What's happening in August? The 230th National Meeting of the American

*continued on next page*

## September Dinner Meeting

**Date:** Thursday, September 22, 2005

**Time:** 6:00 Social Hour  
7:00 Dinner  
8:00 Lecture

**Location:** Biltmore Hotel & Suites  
2151 Laurelwood Blvd.  
Santa Clara, CA 95054

**Speaker:** Dr. Seth Shostak  
Set Institute—An Overview

**Cost:** \$27.00 with the choice of Roast Pork Loin w/apricot sauce. Vegetarian Crepes Includes wine with dinner.

**Reservations:** [www.scvacs.org](http://www.scvacs.org)  
Shirley Radding  
408-246-2564  
408-296-8625 Fax

Reservations should be made by Monday, September 19th stating your name, address, company affiliation, number of people in party, and menu selection.

If you are unable to honor your reservation and do not cancel by Wednesday, August 21, you will be invoiced following the dinner meeting.



### Receive the Newsletter Early!

See <http://www.scvacs.org/newsletter/> for details.

SETI, continued from front page

system fuels the scientific community's conviction that life in some form must exist elsewhere in the galaxy and the presence of intelligent life may be found within our lifetime. The SETI Institute is constructing a new generation telescope, the Allen Telescope Array, that will allow 24/7 SETI observing and speed the search for our cosmic neighbors.

For further information on the Institute: <http://www.seti.org>. More information about Dr. Shostak may be found at: <http://www.seti.org/site/pp.asp?c=ktj2J9MMIsE&b=277807>.

### Biography

Seth is a Senior Astronomer at the SETI Institute, in Mountain View, CA. He has an undergraduate degree in physics from Princeton University, and a doctorate in astronomy from the California Institute of Technology. For much of his career, Seth conducted radio astronomy research on galaxies, and has published approximately fifty papers in professional journals. He also founded and ran a company producing computer animation for TV.

Seth has written several hundred popular magazine and Web articles on various topics in astronomy, technology, film and television. He now lectures on astronomy and other subjects at the California Academy of Sciences, and for the last five years, has been a Distinguished Speaker for the American Institute of Aeronautics and Astronautics.

Seth has edited and contributed to a half dozen books. His first popular tome, "Sharing the Universe: Perspectives on Extraterrestrial Life" appeared in March, 1998. His most recent books are "Life in the Universe" (2002, textbook with Jeff Bennett and Bruce Jakosky) and "Cosmic Company" (2003, with Alex Barnett).



Chair's Message, from front page

Chemical Society in Washington, DC, from August 28 to September 1, 2005.

The ACS Council will meet on Wednesday, August 31st. Our section has 8 (eight) local section councilors because we are a very large section (over 3,200 members). There are 188 local sections, each with at least one councilor. The membership of the ACS is about 160,000. About 10% attend a national ACS meeting and they present about 7,000 technical papers over six days.

There are about 500 councilors (local section and divisional) who may serve on elected and appointed committees. Our councilors serve on Local Section Activities, Constitution and Bylaws, Chemical Safety, Minority Affairs, Meetings and Expositions, one of our Councilors serves as Vice-Chair of the Council Policy

Committee and another member is a Director-at-Large on the ACS Board of Directors.



## Shirley B. Radding Award Recipient Dr. Glenn Fuller

The Recipient of the 2005 Shirley B. Radding Award is Dr. Glenn Fuller. Born in Lancaster, California, Glenn Fuller received his B.S. in Chemistry from Stanford University in 1950 and his Ph.D. in Chemistry from the University of Illinois in 1953. He then went to work for Shell Development Company in Emeryville until 1964 when he began teaching at Mills College in Oakland. In 1965 he joined the U.S. Dept. of Agriculture, Western Regional Research Center where he worked until his retirement in 1993.

Dr. Fuller's ACS activities span the California Section, from the Agricultural and Food Chemistry Division, to the Western Regional Meeting. He is an active participant in the Chemathon program of intensive local high school activity in chemical information



partially sponsored by the California Section. He has been program chair and division chair and received the Distinguished Service Award of the Agricultural and Food Chemistry Division in

1999.

Dr. Fuller has a long connection with the Western Regional Meeting. He started as co-chair of the program committee in 1982, and became general chair of the meeting in 1998. He has been a long-time member of the steering committee.

In addition to his ACS activities, Dr. Fuller is the author of more than seventy publications and four patents.

Dr. Fuller is the twelfth recipient of the Shirley B. Radding Award. The award was presented to him at the picnic on July 9, 2005.



## July Wine-Tasting Family Picnic

July was a busy month for our local section activities. We had our wine-tasting with David Bruce himself, courtesy of Floyd Hobbs; the pimo noir was a favorite. A family-style picnic, arranged by Sally Peters

followed the wine-tasting. Awards were announced and the 2005 Shirley B. Radding Award was presented to Glen Fuller a life-long friend of our Section, a member of the California Section and, of the Agricultural and



*Participants of the wine-tasting event.*



*Audience members during the awards presentation.*



*Lois Durham presents award to Hong Gao.*

Food Chemistry Division. He has been active in the Western Regional Meetings since 1882. Glenn is an outstanding recipient of this award.

Congratulations to the volunteers who followed the leadership of Chair-Elect David Parker, and to the new 50-year members.



*Steven Shimiu, Olympiad Finalist.*



*Abby Kennedy describing National Chemistry Week activities.*



*Chair-Elect David Parker introduces new 50-year member, Lawrence Eng.*



*Chair-Elect David Parker introduces new 50-year member, Madeline Toy.*

# Women Chemists Committee (WCC) Meeting Highlights

Join the American Chemical Society's Women Chemists Committee (WCC) during the ACS 230th National Meeting in Washington, DC from August 28 to September 1, 2005. The WCC will sponsor and cosponsor symposia, as well as host several social events. Below is a highlight of several activities planned.

For more information about the WCC, visit the web site at <http://membership.acs.org/W/WCC/>.

## ❖ ❖ ❖ WCC Open Meeting

Saturday, August 27  
5:00 to 6:00 PM



## WCC Local Section Networking Luncheon

Sunday, August 28  
12:00 Noon to 1:30 PM



## WCC Women in Industry Breakfast

Monday, August 29  
7:30 to 9:00 AM



## WCC/Eli Lilly Travel Awards Poster Session

Tuesday, August 30  
11:30 AM to 12:00 Noon



## WCC Social Hour & Luncheon

Tuesday, August 30  
11:30 AM to 1:30 PM

## WCC Sponsored and Cosponsored Symposia

### Celebrating Five Years of the WCC Overcoming Challenges Award

*Sponsored by WCC  
Cosponsored by Division of  
Chemical Education*

### Women in Industrial Chemistry: Trends and Transitions

*Sponsored by WCC;  
Cosponsored by Division of  
Business Development and  
Management and Presidential  
Events*

### Minority Chemists Telling our Stories

*Cosponsored with Division of  
the History of Chemistry,  
Division of Chemical Education,  
and Committee on Minority Affairs*

### New Directions in the Non-major Chemistry Course and Laboratory

*Cosponsored with Division of  
Chemical Education*

### The Business Case for Diversity in the Chemical Enterprise

*Cosponsored with Division of  
Business Development and  
Management and Committee on  
Minority Affairs*

### The Story of PROGRESS for Women Chemists and Chemical Engineer

*Cosponsored with Division of  
Chemical Education*

### Women in Chemistry

*Cosponsored with Division of  
Chemical Education*

### Getting Your First Industrial Job After Graduate School

*Cosponsored with Division of  
Professional Relations and  
Industrial & Engineering Chemistry*

## ACS to Sponsor High School Chemistry Clubs

The ACS Education Division will undertake a pilot program for affiliated high school chemistry clubs. Plans have been made to contact interested teachers, produce a handbook, identify interesting and appropriate club activities and to establish contact with membership programs. ACS staff plan to set up a WEB page to post resources and enhance communication between clubs.

Establishing and supporting high school chemistry clubs is an attractive idea which has been talked about for several years. A



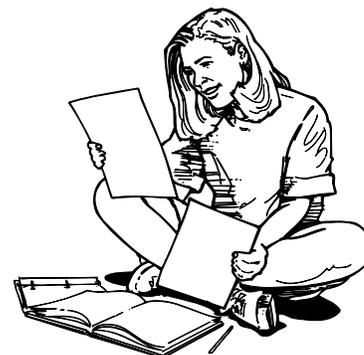
survey conducted among ACS members who are high school teachers, confirmed support for such a program.

A self-selected group of high school teachers are in the 2005-2006 pilot program and will receive assistance, from the Office of High School Education, in launching their chemistry clubs. These teachers will be encouraged to contact their local section and nearby ACS Student Affiliate Chapters to initiate joint activities and acquire ACS member support.

In order to be an ACS high school chemistry club advisor, the teacher must be a Member of the Society, and/or a Society, Divisional, or Local Section Affiliate. ACS local Sections are encouraged to be pro-active in this pilot phase of the program.

Please email ACS staff at [education@acs.org](mailto:education@acs.org) with any questions, plans and/or suggestions.

*Helen Herlocker  
Office of HS Chemistry*



# CHEMPLOYMENT ABSTRACTS AUGUST 2005

## CHEMPLOYMENT ABSTRACT 3802

*Position Title:* Research Associate, Medicinal Chemistry

*Job Description:* Design, synthesis, purification, and characterization of novel biologically active molecules in support of Cytokinetics' therapeutic programs. Also contribute to new target evaluation, exploratory research and lead optimization projects, and collaborate closely with colleagues in other groups such as analytical chemistry, biology, biochemistry and pharmacology.

**QUALIFICATIONS DESIRED**  
*Education:* MS/BS

*Experience:* The position requires at least 2 to 5 years of relevant industry or academic exp. The successful candidate must have the ability to excel in a fast-paced, team environment. Familiarity with computers and data analysis is a plus. Good verbal and written communication skills, flexibility and the desire to work within a multidisciplinary team are also required. The successful candidate must be an independent self-starter and enjoy problem solving.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* South San Francisco, CA  
*Employer Description:* Cytokinetics, Inc. is a leading biopharmaceutical company focused on the discovery, development and commercialization of novel small molecule drugs that specifically target the cytoskeleton.

*Application Instructions:* Please apply to hr@cytokinetix.com and/or visit our website at www.cytokinetics.com for more information.

## CHEMPLOYMENT ABSTRACT 3803

*Position Title:* Programmer Analyst/Computational Chemist - Medicinal Chemistry

*Job Description:* Responsible for management of the small molecule database. The rapid growth of our screening library and the continued expansion of our medicinal chemistry effort will offer ample opportunity for creative research in a multidisciplinary environment.

**QUALIFICATIONS DESIRED**  
*Education:* BS/MS and min of 4 yrs database management or programming experience  
*Experience:* Knowledge of org chem and the R53 chemistry database architecture is highly desirable. A demonstrated working knowledge of Oracle databases & the UNIX operating environment is also essential. Exp with other med chem software tools (ISIS host/base, SciTegic Pipeline Pilot, ChemDraw, Beilstein, Daylight etc), is advantageous.

**LOCATION, MAIL ADDRESS**

*Job Location:* South San Francisco, CA  
*Employer Description:* The dept of Med Chem is focused on identifying small mol pharmaceuticals to complement Genentech oncology franchise.

*Application Instructions:* Genentech offers one of the most comprehensive benefits packages in the industry. For immediate consideration, please apply online at www.genentech.com/careers and reference requisition # 100007432 in the keyword search. Genentech is an equal opportunity employer.

## CHEMPLOYMENT ABSTRACT 3804

*Position Title:* Scientist, Organic Chemist, Job Code: CDX-0405

*Job Description:* Work with current chem team to develop processes based on our biocatalysts. Exp in synthetic org chem & specifically in pharmaceutical process development is required. Exp in use of enzymes in chem synthesis an asset.

**QUALIFICATIONS DESIRED**  
*Education:* PhD org chem with 2+ yrs exp or MS in org chem with 5 yrs exp  
*Experience:* Industrial Exp in synthetic org chem & pharmaceutical process development. Critical thinking & attention to detail. Dedication to safe work practices, ability to multitask & produce quality results under tight timelines. Ability to work with either a multidisciplinary team or independently. Good oral & written communication skills

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Redwood City  
*Employer Description:* Codexis is a privately held biosciences company applying proprietary protein & strain engineering technologies to create novel process development solutions. For more information on Codexis, see www.codexis.com.

*Application Instructions:*  
All applications should be emailed to jobs@codexis.com. Job Code CDX-0405

## CHEMPLOYMENT ABSTRACT 3805

*Position Title:* Research Associate, Analytical Chemist, Job Code: CDX-0305

*Job Description:* Responsibilities include developing analytical methods in HPLC, GC, LC/MS, CE & GC/MS. Explore new analytical techniques & expand analytical capabilities at Codexis. Maintenance & repair of analytical instrumentation, Analyzing samples to support projects using the above. Training & supporting instrument users outside the Analytical Group.

**QUALIFICATIONS DESIRED**  
*Education:* MS or BS in analytical chem.  
*Experience:* Experience in quantitation using GC, HPLC, or MS, both in operation & data analysis. Exp with High Throughput Screening & a working understanding of Molecular Biology is helpful. Critical thinking & attention to detail, ability to multitask & produce results under tight timelines. Mechanical aptitude & ability to troubleshoot & maintain analytical equipment. Persistence & creativity, Good communication skills.

**LOCATION, SALARY, MAIL ADDRESS**

*Description of Employer:* Codexis is a privately held company applying proprietary protein & strain engineering technologies to create novel process development solutions. For more information, see www.codexis.com

*Applications Instructions:*  
email to jobs@codexis.com Job Code: CDX-0305

## CHEMPLOYMENT ABSTRACT 3806

*Position Title:* Process Engineer/Analytical Chemist

*Job Description:* Perform testing of JSR advanced semiconductor materials using HPLC, GC, GPC, and other analytical chemistry methods. This is a swing shift position (3 to 11:30 p.m.). Essential Functions: 1. Collect data on raw materials and product ion samples. 2. Troubleshoot customer issues. 3. Maintain and verify reliability of test equipment. 4. Independently design, develop, and optimize new test methods. 5. Other tasks as assigned.

**QUALIFICATIONS DESIRED**

*Education:* BS in Chemistry or equivalent  
*Experience:* Minimum 3 years experience as an Engineer or Chemist in a chemical lab environment; production environment experience preferred. Proficiency with analytical chemistry tools. SPC experience a plus. Excel proficiency required; Access, Statview, JMP experience a plus.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Sunnyvale, CA  
*Salary:* Highly Competitive  
*Employer Description:* JSR Micro, Inc., is a world leader and premium supplier in electronic materials. We invite you to join our innovative team today. Please visit our website at www.jsrmicro.com.

*Application Instructions:*  
Please e-mail resume to employment@jsrmicro.com.

## CHEMPLOYMENT ABSTRACT 3807

*Position Title:* Quality Control Scientist (Req. #1000006657)

*Job Description:* The Quality Control (QC) Scientist will be responsible for overseeing a small molecule testing laboratory in the Quality Control Department, which includes hands-on testing, training, method optimization/development, validation and troubleshooting.

**QUALIFICATIONS DESIRED**

*Education:* A Ph.D. in Chemistry, Pharmaceutical Chemistry, Pharmaceuticals, or related field with 4-10 years of experience in the pharmaceutical industry is required.  
*Experience:* Must have strong scientific background in pharmaceuticals and 4+ years of experience in quality control management and analytical development/validation/transfer and cGMP. Experience in method development and validation of parenteral and solid dosage is also required.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* South San Francisco, CA  
*Salary:* DOE  
*Employer Description:* For over 29 years, Genentech has been at the forefront of the biotechnology industry, using human genetic information to discover, develop, commercialize and manufacture biotherapeutics that address significant unmet medical needs.

*Application Instructions:*  
E-mail your resume to: palarcia.ria@gene.com

## CHEMPLOYMENT ABSTRACT 3808

*Position Title:* Research Scientist

*Job Description:* The Research Scientist will be responsible for analytic-related activities, including method development/validation, method transfer, and in-process support of the API manufacturing, drug product development, and analytical method generation. The incumbent will also prepare analytical and stability reports and documents for regulatory submissions.

**Qualifications Desired**

*Education:* M.S. or Ph.D. equivalent in Analytical Chemistry, Organic Chemistry, or Pharmaceutical Science with 6-8 years relevant experience (MS) or 4-6 years relevant experience (Ph.D.).  
*Experience:* Must have extensive experience in HPLC and GC analysis and have strong knowledge in analytical chemistry and cGMP/GLP, FDA and ICH guidelines and regulations. Familiarity with LC-MS technique is a plus.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* South San Francisco, CA  
*Salary:* Exelixis offers competitive compensation & benefits, equity participation, and an interactive research setting that recognizes/rewards achievement.  
*Employer Description:* Exelixis, Inc., is a leader in the discovery of high-quality novel targets for several major human diseases, and a leader in the discovery and development of new drug therapies specifically for cancer and other proliferative diseases. EOE.  
*Application Instructions:* Please send your resume/CV to Exelixis, Inc., HR Department; Fax: (650) 837-7226; or Email: careers@exelixis.com. For more information, please visit us at www.exelixis.com.

## CHEMPLOYMENT ABSTRACT 3809

*Position Title:* Organic Chemist

*Job Description:* Versatile organic chemist sought for research and development work in a small startup company developing bioanalytical instrumentation. The majority of the work will be hands-on in the lab. Responsibilities include: Preparation of small molecules and polymeric materials in support of research and development activities. Development and evaluation of new materials to enhance system performance.

**Qualifications desired:**

*Education:* MS/BS or Ph.D. in organic chemistry or related discipline.  
*Experience:* Knowledge or experience in some or all of the following areas: polymer chemistry, photochemistry, small molecule synthesis, protein chemistry, dye chemistry Solid skills in experimental design, execution, and data analysis are highly desirable.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Palo Alto, CA  
*Salary:* Commensurate with experience.  
*Employer Description:* Cell Biosciences is a startup company developing bioanalytical instrumentation.

*Application Instructions:*  
Candidates should forward their resume, along with a research summary describing selected projects relevant to the above qualifications, to hr@cellbiosciences.com, referencing job code CM-031 in the subject line.

## CHEMPLOYMENT ABSTRACT 3810

*Position Title:* Senior Scientist

*Job Description:* Develop new materials, characterization tools, and processes to make robust interfaces between different inorganic materials using Cambrios' biologically-inspired deposition technology. Utilize expertise in some, if not all, of the following areas: inorganic & intermetallic chemistry, transition metals, inorganic nanostructures, plating, adhesion of metal films

**QUALIFICATIONS DESIRED**

*Education:* Advanced degree(s) in inorganic chemistry, metallurgy, chemical engineering or materials science

*Experience:* Ability to work successfully in a small-team multidisciplinary environment, be extremely flexible and self-motivated, and have good communication skills. History of finding creative manufacturable solutions to complicated chemical problems. Proven track record of working in both R&D and product development.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Mountain View, CA  
*Employer Description:* Cambrios Technologies Corp. (www.cambrios.com) is based on MIT professor Angela Belcher's technology of using biological templates to create inorganic materials and nanostructures for electronics applications.

*Application Instructions:*  
Email resume to: careers@cambrios.com with "Scientist position" in the subject line, or fax resume to 650-450-5101.

## CHEMPLOYMENT ABSTRACT 3811

*Position Title:* Organic Chemist MS/BS

*Job Description:* Versatile organic chemist sought for research and development work in a small startup company developing bioanalytical instrumentation systems. The majority of the work will be hands-on in the lab. The successful candidate will be responsible for: Preparation of small molecules, labeled proteins and peptides, and polymeric materials in support of research and development activities. Development and evaluation of new materials to enhance system performance.

**QUALIFICATIONS DESIRED**

*Education:* MS/BS in organic chemistry or related discipline  
*Experience:* Knowledge or experience in some or all of the following areas: small molecule synthesis, polymer chemistry, conjugation chemistry, protein chemistry, dye chemistry, photochemistry, Solid skills in experimental design, execution, and data analysis are highly desirable. Industry experience is preferred.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Palo Alto, CA  
*Salary:* Commensurate with experience  
*Employer Description:* Startup company developing bioanalytical instrumentation.  
*Application Instructions:* Candidates should forward their resume, along with a research summary describing selected projects relevant to the above qualifications, to hr@cellbiosciences.com, referencing job code CHEM-064 in the subject line.

## CHEMPLOYMENT ABSTRACT 3812

*Position Title:* Medicinal Chemistry Post-Doctoral Research Associate

*Job Description:* Chemistry research and synthesize small organic molecules designed from our Medicinal Chemistry program; design synthetic routes to these target molecules and perform their syntheses to reach technical milestones; analyze biological data to determine structure-activity relationships and contribute to the design and optimization of lead molecules.

**QUALIFICATIONS DESIRED**

*Education:* Ph.D. in synthetic organic chemistry or medicinal chemistry.  
*Experience:* Experience in multi-step organic synthesis, design & execution. Ability to solve medicinal/analytical & process chemistry challenges. Experience with purification techniques/analytical methods (HPLC, NMR, MS). Proficient in chemistry information resources, databases (SciFinder), etc. Previous experience in the discovery of small molecule therapy desirable.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Palo Alto, California  
*Employer Description:* Anacor Pharmaceuticals is pioneering research into new classes of therapeutic agents for a variety of inflammatory and infectious diseases by leveraging a proprietary, small molecule chemical library. www.anacor.com

*Application Instructions:* Candidates should submit their resume via email only to the following address, stating the position title in the subject line: jobs@anacor.com. Anacor is an EOE. No agencies or recruiters please

## CHEMPLOYMENT ABSTRACT 3813

*Position Title:* Medicinal Chemistry Research Associate

*Job Description:* Conduct medicinal chemistry research and synthesize small organic molecules that have been designed from our Medicinal Chemistry program; design synthetic routes to these target molecules; analyze biological data to determine structure-activity relationships; design and optimization of lead molecules.

**QUALIFICATIONS DESIRED**

*Education:* BS or MS in medicinal chemistry or related field (MS preferred)  
*Experience:* 3+ years Medical Chemistry research experience. Experience in multi-step organic synthesis, design & execution. Experience with purification techniques/analytical methods (HPLC, NMR, MS). Proficient in chemistry information resources, databases (including SciFinder), chemistry software, word processors and spreadsheets.

**LOCATION, SALARY, MAIL ADDRESS**

*Job Location:* Palo Alto, California  
*Employer Description:* Anacor Pharmaceuticals is pioneering research into new classes of therapeutic agents for a variety of inflammatory and infectious diseases by leveraging a proprietary, small molecule chemical library. www.anacor.com

*Application Instructions:* Candidates should submit their resume via email only to the following address, stating the position title in the subject line: jobs@anacor.com. Anacor is an EOE. No recruiter or agency contact please



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#### **AUGUST 2005 NEWSLETTER TOPICS:**

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#### **CHEMPLOYMENT ABSTRACTS**

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## **SANTA CLARA VALLEY SECTION**

### **2005 Section Officers**

Chair: **John F. Riley** 650-328-4036 [jfriley2004@sbcglobal.net](mailto:jfriley2004@sbcglobal.net)  
Chair-Elect: **David Parker** 408-615-4961 [dparker@ci.santa-clara.ca.us](mailto:dparker@ci.santa-clara.ca.us)  
Secretary: **Karl Marhenke** 831-479-6263 [karlmar@armory.com](mailto:karlmar@armory.com)  
Treasurer: **Herb Silber** 408-924-4954 [hbsilber@sjsuvm1.sjsu.edu](mailto:hbsilber@sjsuvm1.sjsu.edu)  
Past-Chair: **George Lechner** 408-226-7262 [george.lechner@usa.xerox.com](mailto:george.lechner@usa.xerox.com)

### **Councilors**

2003-05: **Maureen Scharberg** 408-924-4966 [scharbrg@pacbell.net](mailto:scharbrg@pacbell.net)  
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2004-06: **Sally Peters** 650-812-4994 [sally.peters@parc.com](mailto:sally.peters@parc.com)  
2004-06: **Peter Rusch** 650-961-8120 [pfrusch@aol.com](mailto:pfrusch@aol.com)  
2005-07: **Bonnie Charpentier** 650-948-3931 [charpentierbon@yahoo.com](mailto:charpentierbon@yahoo.com)  
2005-07: **Herb Silber** 408-924-4954 [hbsilber@sjsuvm1.sjsu.edu](mailto:hbsilber@sjsuvm1.sjsu.edu)

### **Alternate Councilors**

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2004-06: **Ernest Gargas** 408-365-2866 [eggargas@yahoo.com](mailto:eggargas@yahoo.com)  
2005-07: **Mark Kent** 408-736-0989 [makent@earthlink.net](mailto:makent@earthlink.net)  
2005: **Abby Kennedy** 650-837-8043 [akennedy@exelixis.com](mailto:akennedy@exelixis.com)  
2005: **Bruce Roby** 408-297-6718 [brida954@comcast.net](mailto:brida954@comcast.net)

### **Newsletter**

Editor: **Carlene Freeman** 510-262-6900 [carlenefreeman@yahoo.com](mailto:carlenefreeman@yahoo.com)

### **ChemPloyment Abstracts**

Director: **Shirley B. Radding** 408-246-2564 [sbradding@sbcglobal.net](mailto:sbradding@sbcglobal.net)

## **FUTURE MEETINGS**

**Aug 28-Sep 1** 230th ACS Meeting  
Washington, DC

**Sep 22** Section Dinner Meeting  
Dr. Seth Shostak  
Santa Clara, CA

**Oct 15** David Katz – KABOOM!  
Chemistry Demo  
Cupertino, CA

**Oct 15-20** National Chemistry Week  
The Joy of Toys

**Oct 17-19** ACS ProSpectives  
Advances in Structure-Based  
Drug Discovery  
Philadelphia, PA

**Dec 15-20** PacifiChem 2005  
Honolulu, HA



For the latest information, please visit  
SCV/ACS web site: [www.scvacs.org](http://www.scvacs.org)

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