

Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

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JULY 2007 NEWSLETTER TOPICS

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Annual Family Picnic and Awards Ceremony

Our next Section event will be our summer picnic on Saturday, July 14. It will feature a wine tasting of Fenestra Winery products. Also featured will be a catered picnic outside the Mudd chemistry building at Stanford and ceremonies honoring our 50-year members and other award winners.

50 year members

| | | |
|----------------------------|-------------------------|------------------------|
| Dr. Victor Edward Althouse | Mr. Gerard A. Blaufarb | Dr. Ian M Croll |
| Mr. Joseph M Greendorfer | Dr. William C. Landgraf | Dr. Karl Marhenke |
| Dr. William H Orttung | Dr. Jeanne H Osiecki | Dr. George A Parks |
| Dr. Dean Taylor | Mr. Richard Tunder | Dr. Ritchie A Wessling |

60 year members

| | | |
|---------------------------|-------------------------|-----------------------|
| Mr. Walter M Carlson | Dr. Dale M Coulson | Mr. John F Creedon |
| Mr. Noboru Endow | Mrs. Marjorie Ottenberg | Dr. Gunther Steinberg |
| Dr. Jerome Douglas Swalen | Dr. Frank Weisenborn | Dr. Ruth P Yaffe |

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July Picnic Event: Fenestra Winery Wine Tasting of Old World Grapes

The Replogle family established the Fenestra Winery in 1976 on the historic Ruby Hill property. In 1980 they occupied the century-old George True Winery building on Vallecitos Road. The old building had been badly neglected, and the Replogles installed a new roof and strengthened the building. Now part of the Ruby Hill development, the Replogles lease the newly refurbished building and surrounding grounds that encompass nearly 900 acres of vineyards. The winery specializes in classically balanced, award-winning wines from primarily Livermore Valley grapes. The

winery also makes Cabernet Sauvignon and Merlot from the Santa Lucia Highlands that is on the west side of the Salinas valley. Other wines that are produced are: Semillon, Semonnay, Pinot Gris, Chardonnay, True Red, Zinfandel, Cabernet Franc, Sangiovese, Petite Sirah, Port, Syrah, and Mourvedre.

The winemaker is Dr. Lanny Replogle, Ph.D., who is now Professor Emeritus of Organic Chemistry at San Jose State University. "My aim is to produce flavorful, well balanced wines with a lot of varietal character. Of the whites, I particularly enjoy making Semillon and a dry table wine blend of Semillon-Chardonnay (Semonnay). I make a lot of

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RESERVATION FORM

Annual Family Picnic and Awards Ceremony

Stanford University – Saturday, July 14, 2007 Deadline for Reservation – Monday, July 9, 2007

Name(s): _____ Telephone No.: (_____) _____

No. of Reservations at \$16.00 _____

No. of Children (age of 4-12) at \$5.00 _____

Total Amount Enclosed \$ _____

Make check payable to: Santa Clara Valley Section – ACS

Mail check and reservation form to: Lois Durham, 180 El Dorado Avenue, Palo Alto, CA 94306

Please check if you can volunteer: I can help set-up I can help clean-up

Armadillo Willy's will cater the picnic, as they did last year. The tentative menu will include: Barbequed chicken, Beef brisket, Willy's beans, Spicy peanut slaw, Corn bread muffins, Beer, soda, water, and Dessert.



Where: The Stanford Chemistry Department.

When: 4:30 p.m. Wine Tasting
5:30 p.m. Buffet BBQ Dinner
7:00 p.m. Awards

Directions:

From Route 101 (Bayshore Freeway): Take University Avenue west through Palo Alto. It becomes Palm Drive on the Stanford Campus. Turn right on Roth Way and continue to the Chemistry Department. Park in the parking structure on your right. Keck and Mudd chemistry buildings are across Roth Way from the parking structure.

From Route 280: Take the Sand Hill Road exit. Drive east and turn right on Stock Farm Road. Then turn left on Campus Drive West and right on Roth Way. Park in the parking structure immediately on your left. Keck and Mudd chemistry buildings are across Roth Way from the parking structure.

Reservations:

A reservation form for this event is on the front page. You can also make reservations by accessing the Internet at our website: www.scvacs.org/Local_Folder/din_mtg.html.

Remember, this is the one meeting where you have to send a payment with your reservation. The cost will be the same as it was last year: \$16 for adults, \$5 for kids 4-12, and kids under 4 free. Reservations and payments must be received by Monday, July 9.

Fenestra Windery, continued from front page
red wines, from True Red (a blend) to full-bodied intense Cabernets, and I like the challenge of making each varietal each year as an individual wine."

This year's tasting will be led by Dr. Replogle, and will be highlighted by a comparison tasting of Cabernet Sauvignon and Merlot wines made from two distinctly different climatic

grape growing regions. Grapes were grown both in the Santa Lucia Highlands, a cool region that is very satisfactory for growing both of the Bordeaux varietal grapes, and the Livermore Valley, a warmer region. The grapes were crushed and fermented at the Fenestra Winery. Your taste buds and you are going to be surprised!

Panelists Sought for National Chemistry Week Career Discussion

Do you love your job? If the answer is yes, then we need YOU! The National Chemistry Week Committee is gearing up for two fun events this October when we will celebrate "The Many Faces of Chemistry", our 2007 theme for NCW. The theme this year was specially chosen by the ACS to commemorate the 20th Anniversary of National Chemistry Week.

Our highlight for this special occasion will be an interactive panel discussion on "Drugs, Bombs and CSI: Your Future Careers in Chemistry"

aimed at high school and college students. We hope to enlighten these students to the gamut of careers that are available starting from a degree in chemistry. It is a chance for us to share with these students what we truly love about our varied careers. So, if you use chemistry knowledge in your job, and you love your job, it would be great to have you join us as a panel member. We're especially interested in our colleagues that have non-traditional chemistry jobs—jobs that

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Chair's Message

If you are reading this before July 14, don't forget to sign up for the Annual Member Family Picnic at Stanford. Use our website:

<http://www.scvacs.org>. Come and enjoy a pleasant afternoon of wine tasting, a BBQ, and friendly discussion.

Volunteers are needed to help with National Chemistry Week activities. Contact Abby Kennedy (akennedy@exelixis.com) if you can spend some time.

The Executive Committee has decided to look into implementing a Silver Circle program within the Section to provide a forum for our senior chemists to get together from time to time. The purposes would be to socialize and participate in a variety of activities the group(s) would arrange. These activities could include lunchtime meetings, public outreach activities, community involvement activities, helping with the Chemistry Olympiad or National Chemistry Week, working with the Younger Chemists Committee, mentoring young students or younger chemists in industry or academia, etc. We are a large Section and there are many chemists who might be interested in such a group. If you are one of them, please let me know where you live, what your interest level is and whether you could help establish a group.

I would encourage you to plan on coming to our monthly meetings that are starting up again in September. The topic for September's dinner meeting on the 11th is "Glitter as Forensic Evidence." This should be a very interesting talk about the trail we leave behind us. Hmm? We are working on a speaker for October and will announce this next month. We end our 2007 dinner meeting schedule in November (14th) with a talk about "Chemical Magic from the Grocery Store." Who would of thought? Do you have additional suggestions for presentations? Let us know so that we can develop an interesting and stimulating program. Preparations for the 2008 program are underway.

George Lechner

Panelists Sought, continued from previous page

students might not readily associate with what they learn in their chemistry classes, as well as jobs that exist on the fringes of chemistry. Let's show our young scientists the numerous, varied, fascinating careers available to them through chemical education, and then give them an opportunity to ask us how we've achieved these careers. This stimulating event will be

hosted by DeAnza College on Saturday, October 27, 2007 at 11:30 a.m. Light refreshments will be served. Panel members need only provide a brief bio and a few photos of themselves doing what they do best at work, and we'll do the rest! If you're interested in volunteering as a panel member, please contact NCW Coordinator Abby Kennedy (akennedy@exelixis.com).

The SCV Section of the ACS will

also be hosting a public outreach booth Saturday, October 6th, 2007 at the Children's Discovery Museum of San Jose in order to reach out to elementary school kids and their families. If you're interested in volunteering to run the booth or help out, please contact Abby at the email address above. More details to follow—so please keep your eyes peeled for future newsletter updates about NCW.

CHEMPLOYMENT ABSTRACTS JULY 2007

CHEMPLOYMENT ABSTRACT 3890

Position Title: Staff Organic Synthesis Chemist

Job Description: The successful candidate will play a crucial role in the rapid commercialization of new state-of-the-art fluorescent dyes and nucleic acid derivatives for a broad range of Life Science applications. This chemist will design and develop robust multistep synthetic processes for the preparation of these heterocyclic target compounds and will oversee the transfer of these processes into our manufacturing environment.

QUALIFICATIONS DESIRED:

Education: Ph.D in Organic Chemistry

Experience: 5-10 years of relevant industrial experience. Other requirements include demonstrated skill in organic synthesis and experience with current spectroscopic and chromatographic instrumentation. Experience with heterocyclic/heteroaromatic and/or nucleoside chemistry is highly desirable. Project leadership or supervisory experience is beneficial.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Foster City, CA

Salary: Negotiable

Employer Description: Applied Biosystems has demonstrated its position as a technology leader and driving force in the changing dynamics of the life science marketplace. The Applied Biosystems business is focused on the following markets: basic research, commercial research (pharmaceutical and biotechnology) and standardized testing, including forensic human identification, paternity testing and food testing. The company has an installed base of approximately 180,000 instrument systems in nearly 100 countries.

Application Instructions: Interested candidate please send your resume to (http://www.resumeware.net/applera_rw/applera_web/job_detail.cfm?key=7108&ReferredId=24) or diasse@appliedbiosystems.com

CHEMPLOYMENT ABSTRACT 3893

Position Title: Lecturer in Chemistry

Job Description: Part-time instructor needed to teach upper division inorganic chemistry lecture and laboratory for the Fall, 2007 semester. Some teaching in general chemistry may also be part of the teaching load.

QUALIFICATIONS DESIRED:

Education: Ph.D. in Inorganic Chemistry or equivalent

Experience: Previous teaching experience in upper division inorganic chemistry lecture and laboratory required.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: San Jose State University

Salary: Based upon qualifications

Employer Description: San Jose State is a major comprehensive State university serving Silicon Valley, and is part of the 23 campus CSU system. SJSU is an EO/AA employer; minorities and women are strongly encouraged to apply.

Application Instructions: Please send curriculum vitae, three letters of reference and a statement of teaching philosophy to: Prof. Bradley M. Stone, Chair, Department of Chemistry, SJSU, One Washington Square, San Jose, CA 95192-0101 by August 15.

CHEMPLOYMENT ABSTRACT 3892

Position Title: Post Doc - Telomerase, Telomere Biochemistry & Assay Dev.

Job Description: Investigate novel or significantly improved approaches to quantifying telomerase activity and telomere length distributions in animal and human tissues. Research will be conducted in the context of preclinical and clinical development of telomerase activators and inhibitors for the treatment of degenerative diseases and cancer, and will be a component of broader mechanism-of-activity studies of our drug development candidates.

QUALIFICATIONS DESIRED:

Education: Ph.D. or M.D. degree and will have a proven track record of successful experimental research as evidenced by peer-reviewed publications.

Experience: Prior experience with quantitative and sensitive analytical methods for analysis of rare enzymes or repetitive DNA sequences in complex tissues is desired. Specific experience in an established telomere or telomerase laboratory is an advantage.

LOCATION, SALARY, MAIL ADDRESS:

Job Location: Menlo Park, CA 94025

Salary: Commensurate with experience

Employer Description: Geron is developing first-in-class biopharmaceuticals for the treatment of cancer and chronic degenerative diseases, including spinal cord injury, heart failure, diabetes and HIV/AIDS. The company is advancing an anti-cancer drug and a cancer vaccine that target the enzyme telomerase through multiple clinical trials. Geron is also the world leader in the development of human embryonic stem cell-based therapeutics, with its spinal cord injury treatment anticipated to be the first product to enter clinical development. For more information, visit www.geron.com.

Application Instructions: Please email or send your resumes to: Geron Corporation, Human Resources, 230 Constitution Drive, Menlo Park, CA 94025 Fax: 650-473-8668 Email: hr@geron.com

Happy Summer!



SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
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Visit our web site at:



<http://www.scvacs.org>

To receive an email when our newsletter
is published on our web site, sign up at:
<http://www.scvacs.org/newsletter/>

SANTA CLARA VALLEY SECTION

2007 Section Officers

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| Secretary | Karl Marhenke | 831-688-4959 | karlmar@armory.com |
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Councilors

| | | | |
|-----------|-----------------------|--------------|---------------------------|
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| 2006-2008 | Ean Warren | 650-329-4554 | ewarren@scvacs.org |
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| | | | |
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Newsletter

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ChemPloyment Abstracts

Director: **Charles Sullivan** 650-359-0731 cdansullivan@sbcglobal.net

FUTURE MEETINGS

- Jul 14** Annual Wine Tasting and Awards Picnic
Stanford, CA
- Jul 18** BioScience Forum
www.biosf.org/programs.htm
Dr. Mathai Mammen
- Aug 11** CA Section's WCC Meeting
www.calacs.org/calendar/WCCsummermeet07.html
Dr. Carolyn Bertozzi
- Sep 11** Section Dinner Meeting
Dr. Robert Blackledge
Santa Clara, CA
- Oct 6** The Many Faces of Chemistry
Children's Discovery Museum
National Chemistry Week Event
San Jose, CA
- Oct 9-13** Western Regional Meeting
www.wrmacs.org
San Diego, CA
- Oct 27** Drugs, Bombs, and CSI: Your Future Career in Chemistry
National Chemistry Week Event
De Anza College