Annual Family Picnic and Awards Ceremony

Our next Section event will be our summer picnic on Saturday, July 12. It will feature a special red wine tasting hosted by Floyd Hobbs. The afternoon will also include a catered picnic outside the Mudd chemistry building at Stanford and ceremonies honoring our 50-year and 60-year members and other award winners.

50 year members
Dr. Andreas Acivos  Dr. Lionel Bailin  Dr. John Brauman
Dr. James Cope  Dr. Manfred Eberhardt  Mr. Ross Fuller
Mr. Clarence Johnsen  Mr. Akio Nishino  Mr. Michael Rothenberg
Mr. David Russell  Dr. Stanley Williamson  Dr. Leon Yengoyan

60 year members
Mr. W. Ray Booth  Mr. James Brackett  Mr. William Burton
Mrs. Rosalie Dinkey  Dr. Reed Gray  Dr. Donald Hildenbrand
Dr. Mary Harriette Huff  Mr. Drace Kutnewsky  Mrs. Adrienne Mitchell
Mr. Edgar Oerman  Dr. Chester Poetsch  Mr. William Van Horn

Wine Tasting
Floyd Hobbs has offered to arrange a wine tasting. This year we will taste a variety of red wines. The wines produced today are very different from those produced 30 years ago. Grapes today are allowed to hang on the vine longer which increases their sugar content. Consequently, the wines made from these more mature grapes are higher in alcohol (in the range of 13.5 to 15.5%) and have a deeper, full-bodied jammy flavor. We will have a blind tasting of wines selected from the following varietals: Cabernet Sauvignon, Cabernet Franc, Merlot, Pinor Noir, Petite Sirah, and Zinfandel.

Dinner
Armadillo Willy's will cater the picnic, as they did last year. The tentative menu will include:

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RESERVATION FORM
Annual Family Picnic and Awards Ceremony
Stanford University – Saturday, July 12, 2008  Deadline for Reservation – Monday, July 7, 2008

Name(s): ___________________________________________________________ Telephone No.: ( _______ ) ____________________________

Number of Reservations at $16.00 .......................................................... ___________________

Number 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: Ms. Shirley Radding, 2994 Cottonwood Court, Santa Clara, CA 95051

Please check if you can volunteer:  I can help set-up  I can help clean-up
Annual Family Picnic and Award Ceremony, continued from front page

• Smoked Barbequed chicken • Beef brisket • BBQ beans
• Spicy coleslaw • Corn bread muffins • Green Salad
• Beer, soda, water • 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 included here. 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 7.

Chocolate is the Food of the Gods
Especially on Cunard's Queen Mary 2
Howard and Sally Peters   March 2008

As former UK Prime Minister, Baroness Margaret Thatcher, knows, it is amazing what you can do with degrees in chemistry - and law.

Howard finished a great 12-day ACS solo speaking tour on the Azalea Circuit in GA, NC and SC in February talking about chocolate and fun patents from February 2nd-13th. Each talk included a free raffle for a 10 pound bar of Guittard chocolate or for familiar patented toys e.g., SLINKY, FRIS-BEE (with copies of the US patents). (See http://www.pat2pdf.org/ for a superb free US patent web site.) A copy of the inspiring 2007 PBS special "Forgotten Genius" about Dr. Percy Julian and copies of the National Historical Chemical Landmark (NHCL) brochures about him were presented to each local section chair.

Immediately following Howard’s stint as tour speaker he dove into working on his memoirs,"farm2FARM" (from the farm near Penn State to finishing his Ph.D. in chemistry at Stanford (THE FARM) at age 25), for his grand-girls. While working he got an emergency call at 9 a.m. from

Happy Father’s Day
Outstanding High School Chemistry Students

On April 19th, seventeen of Silicon Valley’s top high school chemistry students met at Las Positas College in Livermore to compete in the national testing for the 2008 International Chemistry Olympiad. The California section hosted the day. Nationally over 1000 students participated in the exam that weekend.

The exam that the sophomores, juniors and seniors took consisted of three sections and lasted more than 4-1/2 hours. The students gave up a beautiful Saturday to work on 90 minutes of multiple choice questions, 105 minutes of problem set questions and 90 minutes of 2 lab practical questions.

At 3 p.m. when the day was wrapping up, Al Verstuyft, our CA section host, asked the students what they were going to major in when they went to college. A tired voice from the back of the room answered “Not chemistry”! All of the students laughed and agreed!

A special thanks goes to Yan Liu, Bruce Raby, George Lechner and Sally Peters for proctoring the exam. We were all amazed at the ability and composure that the students displayed. If you want to test your wits against our high school experts, go to the 2008 exam that is posted (with the answers) on the national web site.

http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=P_P_SUPERARTICLE&node_id=1508&use_sec=false&sec_url_var=region1

Our finalists and their dedicated teachers are (drum roll please):

Gunn High
Emily Viggiano and Kevin Zhu
Teacher: Heather Mellows

continued on next page
On April 24, we held our first Family Science Night at the East Palo Alto Charter School. More than 300 students and families attended a program that included many hands-on experiments, a science magic show, an opportunity to look at Mars and Saturn through telescopes and a performance by the Science Jam Band. This event was co-hosted by the California local section of ACS. Student volunteers from Santa Clara University, San Francisco State University and Stanford all helped with the experiments. The students got to taste ice cream made with liquid nitrogen. It was sometimes difficult to figure out who was enjoying it more—the students or the ACS volunteers. The evening was a great success.
### CHEMPLOYMENT ABSTRACTS JUNE 2008

#### CHEMPLOYMENT ABSTRACT 3901
**Position Title:** Entry-level Scientist  
**Job Description:** Oxonica Inc is looking to hire an entry-level Scientist to be part of our Research and Development team. The successful candidate will work in the area of nanoparticle synthesis and characterization.  
**QUALIFICATIONS DESIRED:**  
- **Education:** Bachelor's degree in chemistry or a related field  
- **Experience:** Must have some experience with chemical synthesis and have used measurement techniques such as optical absorbance, fluorescence, etc. Candidate must be able to work in a cross-functional team, have excellent written and verbal communication skills, and be comfortable working with Excel, Word and related programs.  
**LOCATION, SALARY, MAIL ADDRESS:**  
- **Job Location:** Mountain View, CA  
- **Salary:** DOE  
**Application Instructions:** Please send your resume and cover letter (addressed to Human Resources) to jobs@oxonica.com, with “Scientist” in the subject line. No phone calls please!

#### CHEMPLOYMENT ABSTRACT 3902
**Position Title:** Senior Engineer - Late Stage Cell Culture  
**Job Description:** This position will drive the development of high-throughput systems for cell culture in Late Stage Process Development. Responsibilities include the evaluation, acquisition and implementation of state-of-the-art high-throughput laboratory automation technology to support media and process development efforts. This position will also include supervisory responsibility and oversight of high-throughput laboratory activities.  
**QUALIFICATIONS DESIRED:**  
- **Education:** The candidate must have a Bachelor's degree in Chemical/Biochemical Engineering (or equivalent) with a minimum of five years of experience, or a Ph.D. with a minimum of two years of relevant experience.  
- **Experience:** Prior expertise in the application of automated high-throughput systems (e.g. liquid handling systems) is a must. A strong understanding of mammalian cell culture process development is desired. The ability to collaborate with internal and external groups is required. The candidate should have excellent communication skills (verbally and in writing) and should be able to deliver high-quality scientific presentations.  
**LOCATION, SALARY, MAIL ADDRESS:**  
- **Job Location:** South San Francisco, CA  
- **Salary:** DOE  
**Application Instructions:** Genentech is dedicated to fostering an environment that is inclusive and encourages diversity of thought, style, skills and perspective. To learn more about our current opportunities, please visit our careers page, click on "Job Postings" and reference Req. #1000022869. Please use “Web – ChemPloyment” when a "source" is requested. Genentech is an Equal Opportunity Employer.
SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
P.O. Box 395, Palo Alto, CA 94302

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SANTA CLARA VALLEY SECTION
2008 Section Officers

Chair  Mark Kent  408-736-0989  marklent@yahoo.com
Chair-Elect  Natalie McClure  650-906-7831  nmcclore@drugregulatoryaffairs.com
Past Chair  George Lechner  408-226-7262  glechner@aol.com
Secretary  Karl Marhenke  831-688-4959  karlmar@armory.com
Treasurer  Herb Silber  408-924-4954  hsilber@science.sjsu.edu

Councilors
2006-2008  Abby Kennedy  209-640-2005  akennedy@exelixis.com
2006-2008  Ean Warren  650-329-4554  ewarren@scvacs.org
2007-2009  Linda Brunauer  408-554-6947  lbrunauer@scu.edu
2007-2009  Sally Peters  650-812-4994  Sally.Peters@parc.com
2007-2009  Peter Rusch  650-961-8120  pfrusch@aol.com
2008-2010  George Lechner  408-226-7262  glechner@aol.com
2008-2010  Herb Silber  408-924-4954  hsilber@science.sjsu.edu
2008  Howard Peters  650-854-4614  petersipa@sbcglobal.net

Alternate Councilors
2006-2008  Thab Darwish  650-594-1654  darwishis@yahoo.com
2006-2008  David Parker  408-615-4961  dparker@ci.santa-clara.ca.us
2006-2008  Bruce Baby  408-294-6718  bridaj94@comcast.net
2007-2009  Stephanie Gehling  408-261-3974  s_gehling@hotmail.com
2007-2009  Natalie McClure  650-906-7831  nmcclore@drugregulatoryaffairs.com
2007-2009  Maureen Scharberg  408-924-4966  maureen.scharberg@sjsu.edu
2008-2010  Mark Kent  408-736-0989  marklent@yahoo.com
2008-2010  Ferenc Makra  650-855-5308  ferenc.makra@roche.com

Newsletter
Editor:  Cinzia Muzzi  408-864-5790  muzzicinzia@deanza.edu

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

FUTURE MEETINGS

Jun 24-26  12th Annual Green Chemistry & Engineering Conference
Washington, DC  http://www.gcande.org

Jul 12  Annual Awards, Wine Tasting, and Picnic
Stanford Chemistry Department
Stanford, CA

Aug  3-8  Gordon Research Conference on Green Chemistry
Bates College
Lewiston, ME  www.grc.org/programs.aspx?year=2008&program=green

Aug 17-21  236th ACS National Meeting
Philadelphia, PA

Sep 23-27  Western Regional Meeting
Las Vegas, Nevada  http://membership.acs.org/w/WRM2008

Oct 19-21  Topics and Tactics in Current Drug Design
ACS Prospectives Conference
Cambridge, MA