

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 21 No. 4

## Decision Points in Winemaking

The April meeting of the SCVS-ACS will be held at Roudon-Smith Winery in Scotts Valley among the Santa Cruz Mountains. The meeting will include discussions on wine, winery tours, tastings, and a luncheon. Because of space limitations, the number of guest will be limited to 80.

Presentations will be made by Winemaker Bob Roudon of Roudon-Smith Winery and Professor Phillip Crews of the University of California, Santa Cruz. Bob Roudon will discuss the production of red wines, and Professor Crews will discuss the production of white wines.

*continued on next page*

## Dietary Supplements: Scientific Challenges and Perspectives

### Abstract

Botanical extracts, vitamins, nutritional supplements, herbs and nutraceuticals constitute a major portion of the booming dietary supplements industry. These products are not subject to the regulation demanded of Rx/OTC products and quality is not uniform throughout. Strong efforts have been made to substantiate the effectiveness of herbal extracts and correlate efficacy to the plant's natural constituents. These will be discussed.

### Biography

Ray Cooper is the Vice President of Research & Scientific Affairs of Pharmanex, Inc. He obtained a B.S. from London University followed

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## Chairman's Message

The month of April this year has many events that are planned for our section. We have our usual monthly meeting taking place in an unusual surrounding. Our visit to the Santa Cruz winery and the "Chemistry of Wine" talks on April 10th are promised to be both educational and entertaining. For those of us who enjoy the traditional meeting, our Biotechnology and Medicinal Chemistry group has one for you at San Jose State University on April 22nd (please see the details in other parts of this newsletter). On April 24th, Santa Clara University is going to host our National Chemistry Olympiad Competition. I will concentrate the remaining

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## WINE TASTING

*Saturday, April 10*

**Time:** 11:00 am to 3:00 pm

**Place:** Roudon-Smith Winery

2364 Bean Creek Road  
Scotts Valley  
(831) 438-1244

**Cost:** \$25.00 per person  
(no children please)



## DINNER MEETING

*Thursday, April 22*

**Place:** San Jose State University

*Parking on campus at the 7th Street parking garage. For further details check [www.sjsu.edu](http://www.sjsu.edu) or contact Roy Okuda, 408-924-2525 or Lance Wong, 650-829-1148*

### Schedule:

- 6 PM** Reception  
Duncan Hall, Room 505
- 7 PM** Dinner  
Duncan Hall, Room 505  
choice of salmon or chicken
- 8 PM** Presentation  
Washington Square Hall, Room 207  
*"Dietary Supplements: Scientific Challenges and Perspectives"*

**Cost:** \$25.00 per person

### Reservations:

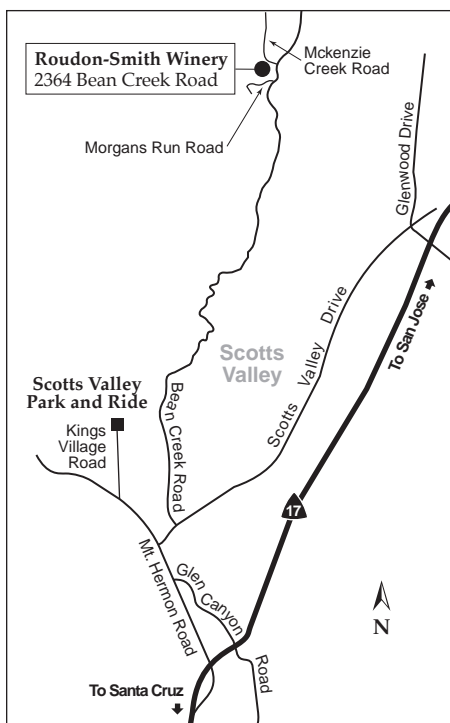
**Shirley Radding** (408) 246-2564  
e-mail: [sradding@att.net](mailto:sradding@att.net)  
**Sally Peters** (650) 854-4614

The luncheon is being provided by Monterey Bay Catering and the menu will include a gourmet pasta bar and vegetarian alternatives.

The winery is located at 2364 Bean Creek Road. Since parking is limited at the winery, a shuttle is being provided from Scotts Valley Park and Ride. The only parking available at the winery will be for handicapped guests. *Directions:* Take Highway 17 to Scotts Valley and use the Mt. Hermon exit. To go to the Park and Ride lot, turn right at the fourth stoplight on Kings Village Road and continue to the end (the lot is across from the Skating Rink). If you need to drive to the Winery, take the Mt. Hermon exit and then turn right on Scotts Valley Drive (the second stoplight) and make the first left onto Bean Creek Road. Follow the winding road up approximately 2.4 miles to No. 2364. A map of the area is provided.

### Roudon-Smith Winery

Founded in 1972 by Bob Roudon and Jim Smith, the winery is dedicated to the production of exceptional wines from the vineyards of our region, especially our own



by a Ph.D. in organic chemistry at the Weizmann Institute and postdoctoral work at Columbia University. He has experience with major pharmaceutical companies where he was responsible for setting up programs in both natural products and drug discovery.

He has over 60 publications and has edited 4 books. He is currently an editor for the Journal of Antibiotics.

This meeting is a joint effort of the Santa Clara Valley Section, ACS and the American Society of Pharmacognosy, and San Jose State University.

estate grown Santa Cruz Mountains Chardonnay grapes. Also produced at the winery are the Pelican Ranch wines of winemakers Phil and Peggy Crews.

Bob Roudon earned a Fine Arts degree in music from the University of New Mexico in 1960, and was first introduced to California wines. Bob then discovered French wines on a long European stay and thereafter centered his attention on French wines and French winemaking techniques.

After a brief stint at teaching, Bob switched his attention to engineering and moved to Los Angeles. He began to study California Wines in earnest and began making wines at his home in Los Angeles.

In 1971, Bob moved to the Santa Clara Valley and was hired by his now partner Jim Smith to work on the startup of Amdahl Corp. The two teamed up, bought a parcel of land in the Santa Cruz Mountains, and founded the present vineyard and winery. The first vintage was produced in 1972. 1978 was the magic year when both partners became full time in the wine business. Bob attributes his individual winemaking style to his early exposure to German and French wines, and his wines have produced numerous awards at various judgings. The quest for great wine continues.

Professor Crews obtained his B.S. in Chemistry in 1966 from the University of California, Los Angeles; his Ph.D. in Organic Chemistry in 1969 from the University of California, Santa Barbara;

and was a NSF Postdoctoral Fellow from 1969 to 1970 at Princeton University. Phil as an Assistant Professor of Chemistry at the University of California, Santa Cruz from 1970 to 1977 and became Professor of Chemistry in 1986 where he continues to pursue his research interest in organic-marine natural products chemistry.

While pursuing his interest in marine chemistry, Phil became interested in winemaking and started to make various wines as a home winemaker. His winemaking expanded and outgrew his home facilities. In 1996, he moved to the Roudon-Smith Winery and started producing the Pelican Ranch brand wine under the Roudon-Smith Winery Bond. The first release of Pelican Ranch wines was the spring of 1997. The Current Production consists of ultra premium Burgundy and Rhône Style wines including the varieties of Chardonnay, Pinot noir, Syrah (Hermitage), and Zinfandel.

## NOTICE

Copies of the narrative portion of the 1998 annual ACS Section report are available upon request from Karl Marhenke. The narrative includes a description of the Section's 1998 activities.

Karl Marhenke  
karlmar@armory.com  
(831) 479-6263

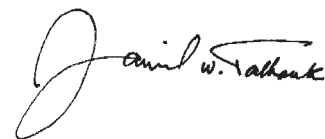
Chairman's Message, continued from front page  
part of this message on the day of  
April 28th.

This last Wednesday of April is a date worth attracting our collective attention. It is the American Chemical Society's day at the California State Capital. I will not be apologetic for dwelling on this event in every message I wrote since January, or for reminding you of it in almost every monthly dinner meeting. It is, without exaggeration, one of the most important events that we, as a group, will be participating in. We are not the largest section in California, but since we geographically represent a very important part of the state, put a demand on us to assume the leadership within our state. Our section is the home for some of the finest academic and research institution in the nation and the world. We are also the representatives of the "Silicon Valley," one of the leading high-

technology regions in industry. How many times we felt that we wish we can have our elected representatives' ears to explain to them our point of view? How many times did we complain about the influence of lobbying groups and felt hopeless in getting our message across? How many times did we get angry and laughed at the same time when we saw advertisements and adds that say "No Chemicals" as if all chemicals are bad or as if there is any substance that does not contain any chemical element? How many times were we blamed for hazards and pollution and were not considered as people with stake in education, environment or energy conservation? This is our opportunity to stand up for ourselves, for our profession and for our society. On that day, we will gather with our fellow Chemists from all parts of our state and have the opportunity to listen and speak with our

elected representatives. We will be discussing with them different topics ranging from education to environment. Please fill in the attached form (ACS California State Capitol Day) and fax it back to me so that the ACS can match you with a time when your local re-presentatives and Senator are available and for us to arrange for your transportation to Sacramento which will be provided by the section.

April 28th is not going to be the end of our information effort, but rather the beginning. We are going to make ourselves available for our state officials and provide them with testimonies and information whenever such information is needed. We would like to be proactive. We will "light a candle rather than curse the darkness."



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\*No purchase orders accepted - minimum order of 10

**For questions call: (650) 843-1946**



# ACS California State Capitol Day

Wednesday, April 28, 1999  
Hyatt Regency Sacramento and the State House  
1209 L Street, Sacramento, California

State Capitol Day is an opportunity for you to join ACS members from throughout California to meet with state policy makers. This is a chance to build relationships and introduce the resources and expertise of ACS members to California's officials. You will have an opportunity to discuss such issues as the quality of K-12 science education, higher education, and environmental policy. The ability of ACS, its local sections, and members to ensure that state laws and regulations are based on sound science and supportive of chemists and chemistry is key to the development of quality state policy.

ACS national staff will set appointments with the chairs and ranking members of key committees for participants. Staff will also send information to you about ACS issues, your state legislators, and how to make appointments to visit with them.

## Preliminary Program

- 8:00-9:00 am** Registration and Continental Breakfast
- 9:00-10:00** Governor Gray Davis, *Invited*  
State Superintendent Delaine Eastin, *Invited*  
State Superintendent and Director of Education
- 10:00-10:15** Break
- 10:15-11:15** Panel on Science Education, Environment, Technology  
The following legislative offices have been invited to participate:  
*Senator Dede Alpert, Chair*  
Senate Education Committee  
*Assemblymember Hannah-Beth Jackson, Chair*  
Environmental Safety and Toxic Materials  
*Senator Byron Sher, Chair*  
Senate Environmental Quality Committee  
*Assemblymember Kerry Mazzoni, Chair*  
Assembly Education Committee
- 11:15-12:00** Advocacy Training
- 12:00-1:00 pm** Lunch
- 1:00-4:00** Meetings with state legislators
- 4:00-5:00** Debriefing and Refreshments

To register, please fax or e-mail a response to the ACS Office of Legislative and Government Affairs: *Patricia Vrabel (202) 872-6206 p\_vrabel@acs.org*  
Please respond by Friday, April 23. Space is limited.

Name: \_\_\_\_\_

Home Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

State Senator: \_\_\_\_\_ State Representative: \_\_\_\_\_

(ACS will identify your state legislators if you are unsure.)

## 1999 OTTENBERG SERVICE AWARD

It is again time to nominate candidates for the Abraham Ottenberg Service Award of the Santa Clara Valley Section.

This award was established in 1973 by the Santa Clara Valley Section to recognize members who have rendered outstanding service to the Section. It is named after Abraham Ottenberg, a former member who devoted much of himself to service to the Section. The award consists of an engraved plaque and a check for two hundred dollars. The award recipient is selected from candidates nominated by members of the Section. Nominees must be members or affiliates of the Santa Clara Valley Section.

Previous recipients are: Shirley B. Radding (1974), Oliver S. Senn (1975), Floyd M. Hobbs (1976), Frank R. Mayo (1977), Harry S. Mosher (1978), Lois J. Durham (1979), Richard W. Gaver (1980), Alan C. Ling (1982), Ludwig A. Mayer (1983), John F. Riley (1983), Howard M. Peters (1984), June G. Jones (1986), Robert L. Montoya (1986), Malcolm Dole (1987), Donald E. Green (1991), Hubert E. Dubb (1992), Karl Marhenke (1993), Stephen N. Senzer (1994), Carol W. Mosher (1995) and Bonnie Charpentier (1998).

The nominating letter should include a brief biography of the candidate and a description or evaluation of the service(s) to be recognized by the award. Seconding nominations are not required but will be accepted.

Nominations should be sent to:

*Chairman*  
*Ottenberg Award Committee*  
*Santa Clara Valley Section, ACS*  
*P.O. Box 395*  
*Palo Alto, CA 94302*

Nominations must be received by June 1, 1999, to be considered for the 1999 award.

## Symposium Announcement

*The Northern California section of the Institute of Chemical Engineers* is presenting a one-day symposium on biotech on April 30 at SRI in Menlo Park. The Keynote Speaker is Dr. Channing Robertson. He will be speaking on "Cigarette Design: The Holy Grail of Drug Delivery Systems".

Other Speaker Topics include: (1) Pilot Plants & Scale-up in Biotech: Nelson Lugo - Xoma Intellectual (2) Property in the Biotech Industry: Tom Ciotti - Morrison & Foerster LLP (3) Genecor's New Propane-1,3-diol process: Greg Whited, Genecor (4) Business Development for Biotech Startups: Tom Sanders - Mitokor (5) Microfluidics & "Labs on a chip" - Pat Conway, Orchid Biocomputer.

Further details of these events can be found at [www.scvacs.org](http://www.scvacs.org) or contact Beth McCormick at (510) 236-3333.

***Shirley B. Radding***

2994 Cottonwood Court  
Santa Clara, CA 95051-6111

408-246-2564

Fax: 408-296-8625  
e-mail: [sradding@att.net](mailto:sradding@att.net)

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***LITERATURE SEARCHES***



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#### APRIL 1999 NEWSLETTER TOPICS:

Decision Points in Winemaking  
Dietary Supplements: Scientific Challenges  
and Perspective  
Chairman's Message  
ACS California State Capitol Day  
1999 Ottenberg Service Award  
Symposium Announcement

*Time Value!*

#### CHEMPLOYMENT ABSTRACTS

Visit our web site at:



<http://www.scvacs.org>

#### SANTA CLARA VALLEY SECTION

##### 1998 SECTION OFFICERS

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##### Councilors

1998-00	Sally Peters	650-812-4994
1998-00	Linda Brunauer	408-554-6947
1997-99	Carol Mosher	650-322-3120
1997-99	Maureen Scharberg	408-924-4966
1999-01	Bonnie Charpentier	650-354-2344
1999-01	Herb Silber	408-924-4954

##### Alternate Councilors

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1998-99	Lois Durham	650-723-1610
1997-99	Peter Rusch	650-948-0237
1997-99	Jamil Talhouk	510-449-2664
1999-01	Jonathan Touster	650-723-4340
1999-01	Ean Warren	650-329-4554

##### Newsletter Editor

Steven Colby 650-938-4502

e-mail: [colby@sisweb.com](mailto:colby@sisweb.com)  
Web Site: [www.sisweb.com](http://www.sisweb.com)

#### FUTURE MEETINGS

<b>Apr 10</b>	Wine-Tasting Roudon-Smith Winery
<b>Apr 22</b>	SVC Dinner Meeting <i>Dietary Supplements: Scientific Challenges and Perspectives</i> by Dr. Ray Cooper
<b>Apr 24</b>	Chemistry Olympiad
<b>Apr 30</b>	Institute of Chemical Engineers Symposium
<b>MFay 20</b>	Student Affiliates Stanford University

For the latest information, please visit the  
SCVACS Web Site: <http://www.scvacs.org>

#### CHEMPLOYMENT ABSTRACTS

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