We will convene at the Biltmore Hotel and Suites in Santa Clara, which is located at 2151 Laurelwood Road, starting at 6:00 p.m. for registration and social hour and 7:00 p.m. for dinner. The $27.00 dinner includes your choice of Grilled Fillet of Salmon or Vegetarian Crepes. Wine is included with the dinner.

Please make your reservations by Monday, April 17th, either online at www.scvacs.org or by contacting Shirley Radding (Phone: 408-246-2564). Reservations should state your name, address, company affiliation, and the number of people in your party. If you are unable to honor your reservation and do not call to cancel by Wednesday, April 19th, you will be invoiced following the dinner meeting.

SJSU, our local judging stalwart, was not present as a judge for the first time in years. He is on sabbatical at UC-Santa Barbara until late March.

Our local ACS winners will receive their awards at Paramount-Great America on Sunday April 2 and will be announced in next month's newsletter.

Our local fair is a feeder for the INTEL International Science and Engineering Fair (INTEL ISEF) to be held in Indianapolis, IN on May 7-11.

Both Okuda and Peters plan to be invited judges at this INTEL ISEF in May - only a few weeks before the INDY 500. Anyone else planning to be a judge? More information is available on the web at www.science-fair.org for our local fair and at www.sciserv.org for the INTEL ISEF.
Welcome to our April newsletter. We hope you find the newsletters informative and interesting. If you have any suggestions for improvements, interesting articles, or fascinating dinner meeting speakers, we want to hear from you. The names, phone numbers, and email addresses of the Executive Committee members (including the Newsletter Editor) appear on the last page of each newsletter.

Speaking of the Newsletter, you will probably see monthly reminders to:
• join our email group at SCVACS-newsletters-subscribe@yahoogroups.com to receive a monthly reminder the newsletter has been posted on our web site, or
• mail us a letter stating you want to continue receiving hard copy of the newsletter.

We plan to transition from hard copy to web site posting in August and do not want you to miss an issue.

I would like to share some exciting information with you: Your Local Section Annual Report was submitted to the National ACS office on time! I know, I know, the excitement is almost more than you can bear. A copy of the annual report is posted on our web site (scvacs.org) for those of you who:
• want to know more about what our local section accomplished last year, or
• have occasional insomnia

The annual report is required of each local section by the national organization, compiled by your Executive Committee members, and recounts in considerable detail all of our monthly dinner meetings, financial status, community outreach and educational efforts, goals for the upcoming year, and an evaluation of how we did on last years goals. Oh, you’re still waiting for the exciting part? The exciting parts are that getting the report turned in before the deadline means:
• the National Organization will release to the local section our share of money needed to run our many monthly meetings, educational, and outreach programs and
• our innovative program to go to colleges and universities in our local section boundaries and conduct interview skills training and one-on-one mock interviews with local chemistry and chemical engineering students will be eligible to be considered for a Chemluminary award by the National American Chemical Society. This program was conceived and written by Dr. Bonnie Charpentier (recently elected to the National ACS Board of Directors). Bonnie, along with volunteers from our local section and the neighboring California Section, conducted interview skills training workshops on several local college campuses. These workshops were well received and much applauded by the students who attended. Bonnie still has openings for more trainers. If you are interested in participating in this year’s training at local colleges and universities, please contact Bonnie at charpentierbon@yahoo.com.

See you at our April dinner meeting.

Dave Parker

Chair’s Message

The Santa Clara Valley Section of the American Chemical Society (ACS) announces the call for nominations for the 2006 Shirley B. Radding Award.

First awarded in 1994 to its namesake, the Shirley B. Radding Award annually honors someone who has been a member of the ACS for at least 20 years. Nominees must have demonstrated dedicated, unselfish leadership, service and significant contributions over a sustained period of time to industrial, applied or academic chemistry and to the ACS through elected or appointed positions at local, district and national levels.

**Award Criteria**

- Member of the American Chemical Society for more than twenty (20) years.
- Demonstrated dedicated and unselfish service to ACS and its members over a sustained period of time.
- Provided leadership through elected and appointed ACS positions at local, district and national levels.
- Made significant contributions to industrial, applied or academic chemistry.

**Previous Award Recipients**

1994  Shirley B. Radding
1995  Agnes Ann Green (deceased)
1996  John F. Riley
1997  Howard M. Peters
1998  Alan C. Nixon (deceased)
1999  Valerie J. Kuck
2000  Halley A. Merrell
2001  Norman A. LeBel (deceased)
2002  Paul H. L. Walter
2003  Jean'ne M. Shreeve
2004  Maureen G. Chan
2005  Glenn Fuller

The award consists of an honorarium of $1,000 and a suitably inscribed memento. Nominations must consist of at least one letter of nomination stating how the nominee's work relates to all aspects of the award. It is strongly recommended that seconding letters accompany the nomination.

Nominations are due on or before May 1, 2006, and must be mailed to:

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

Call for Nominations
Shirley B. Radding Award

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**Award Criteria**

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- Demonstrated dedicated and unselfish service to ACS and its members over a sustained period of time.
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Radding Award Committee
Santa Clara Valley Section ACS
P. O. Box 395
Palo Alto, CA  94302

See you at our April dinner meeting.

Dave Parker
Palma High School Science Fair

Palma High School in Salinas held its first ever science fair in January. 300 students participated by choosing projects, researching background information, running experiments, displaying their results, and defending their findings to judges. 200 high school students and 100 junior high students displayed their results on Saturday, January 28th. As the school has a student population of 624, over half participated! Congratulations!

_The top five winners in the high school division were:_

- Corin Hamilton - Acids & Bases: Their Neutralization
- Brian Bennett - Water: the Irregular Liquid
- John Bonono - Insulators: Resistance to Heat Flow
- Kyle Dangerfield - Proteins: Changes by Denaturing
- Garrett Sabaska - Oxygen: Combined and Free

_The top five in the junior high division were:_

- Chris D’Arrigo - Mega-Absorbers
- Maxwell Balbin - Molecular Motion
- Mark Graeber - Vitamin C Content
- Mark Starritt - Carbon Dioxide
- Alexander Reyes - Minerals

Local Section member, John Chipley, was the overall organizer. He did an amazing job with the planning, convincing local companies to donate wood for tables (an unexpected need!), getting judges, as well as teaching his classes and helping his students with their projects! John, you did an amazing job!

Bruce Raby and Sally Peters, from the local section, joined the other volunteer judges from the Naval Post Graduate School and teachers from other local schools. It was a first time experience for some of us, and it went very smoothly. If you have the opportunity to judge a science fair at this level, take it! Besides being a good learning experience for the judge, it helps the students have a better understanding of science.

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New Members
Santa Clara Valley Section, ACS

Welcome to the new members to the Santa Clara Valley section. This may come as a surprise to some of you! When you joined ACS, for national meetings or divisional activities, you automatically become a member of a local section. National assigns you to the section closest to your registration address, which could be your work or home address. We are glad you are a part of the Silicon Valley local section and would like to invite you to attend one of our monthly dinner meetings. A good first meeting to attend is our summer picnic and beer tasting event, which will be held on July 15th. This is strictly a social event, and it is a good time to meet some of our members!

If you have not visited our web page, it is at [www.scvacs.org/](http://www.scvacs.org/).

The web page is the most up to date information on our section. It contains information and registration for the monthly dinner meetings, immediate postings to ChemPloyment, minutes from the executive committee meeting, an archive of past newsletters, and links to items of local interest.

Join us at a meeting, volunteer to help at a Science Fair, or attend an executive committee meeting to get involved! Again welcome to your local section of the American Chemical Society and we hope to see you soon!

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It's that time of year again - Winter is turning into Spring, clear rain-free days are just around the corner, and the much anticipated 2005 Annual Report is now available on the section’s website! To view the report, simply go to [www.scvacs.org](http://www.scvacs.org). From there, scroll to the bottom of the list of links on the left side of the home page. Happy viewing!
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:

- 1974 Shirley B. Radding
- 1975 Oliver F. Senn
- 1976 Floyd M. Hobbs
- 1977 Frank R. Mayo
- 1978 Harry S. Mosher
- 1979 Lois J. Durham
- 1980 Richard W. Gaver
- 1982 Alan C. Ling
- 1983 Ludwig A. Mayer
- 1983 John F. Riley
- 1984 Howard M. Peters
- 1986 June G. Jones
- 1986 Robert L. Montoya
- 1987 Malcolm Dole
- 1990 Donald E. Green
- 1992 Hubert E. Dubb
- 1993 Carl Marhenke
- 1994 Stephen N. Senzer
- 1995 Carol W. Mosher
- 1998 Bonnie Charpentier
- 1999 Linda Brunauer
- 2000 Herbert B. Silber
- 2001 Sally Peters
- 2002 Jamil Talhourk
- 2003 Ean Warren
- 2004 Maureen Scharberg
- 2005 Hong Gao

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:

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

Nominations must be received by June 1, 2006 to be considered for the 2006 award.

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“Biopolymers: Polymers in Medicine”
A Three-day Short Course

May 5-7, 2006 Sponsored by the Golden Gate Polymer Forum
Hosted by Guidant Corporation, 3200 Lakeside Drive, Santa Clara, CA 95054

This three-day short course will provide an excellent introduction to the properties, characterization, processing and applications of biopolymer materials in medicine for those who have not had a formal course, or for anyone who might like an up-to-date refresher course by three well-regarded instructors and researchers. The combination of excellent experienced teachers, a convenient location in the Bay Area, a low price, and the convenient timing (one regular work day, Friday, and two weekend days), makes this an exceptional opportunity.

Please mention to those of your colleagues and friends who are not on the GGPF mail list but who might benefit from this introductory course. Many people who work with polymers in medicine have had little opportunity for classroom exposure to this special class of materials or cannot find the time away from work to take a full-semester class. This short course should be highly useful for anyone in such a situation, and we believe it represents excellent value.

Instructors:
Professor Allan S. Hoffman, University of Washington
http://depts.washington.edu/bioe/people/core/boffman/boffman.html
Professor Stuart K. Williams, University of Arizona
http://www.abs.cas.arizona.edu/%7Ewilliams/
Professor Gary E. Wnek, Case Western Reserve University
http://www.cwru.edu/cse/ecbe/people/faculty/wnek/index.html

Registration: Registration, housing, and course details are available at the Golden Gate Polymer Forum website: www.GGPF.org.

Cost: $495 on or before April 14, 2006; $595 after April 14th.

Advanced registration and payment required. No reservations accepted after April 21st or when 120 attendees have registered.

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2006 Ottenberg Service Award, Call for Nominations

The Science Education Program and the Department of Chemistry at San Jose State University are pleased to present a professional development workshop for elementary and middle school teachers (grades 4-8). The ACS “Inquiry Matters – Incorporating Inquiry into Elementary and Middle School Physical Science” will be held at San Jose State University from Monday, June 19, 2006 through Wednesday, June 21, 2006.

James Kessler, Senior Program Manager, K-8 Science Office from ACS National in Washington, DC and Maureen Scharberg, Director of Science Education and Professor of Chemistry at SJSU will be presenting this workshop. The enrollment is limited to 24 teachers. Interested teachers should e-mail Ann Baldwin at abaldwin@jupiter.sjsu.edu for an application. The postmarked deadline is April 30, 2006. Please pass this information to any teacher who you feel might be interested in attending. If you have any questions regarding this workshop, please contact Maureen Scharberg at mscharberg@earthlink.net. Funding for this workshop is provided by a grant from the U.S. Department of Education’s Teacher Quality Enhancement Program.
CHEMPELOYMENT ABSTRACT 3848
Position Title: Associate Scientist - Drug Metabolism
Job Description: Develop & apply efficient LC/MS/MS-based assays for the quantification of small organic compounds from biological matrices. Maintain and troubleshoot LC/MS & LC/MS/MS instruments.
QUALIFICATIONS DESIRED
Education: BS/MS in pharmaceutical sciences, Analytical Chemistry or Pharmacology.
LOCATION, SALARY, MAIL ADDRESS
Location: Foster City
Salary: Depends on experience
Employer Description: Gilead Sciences is a biopharmaceutical company that discovers, develops & commercializes innovative therapeutics in areas of unmet medical need.
Application Instructions: Please apply online at our website www.gilead.com/careers, referencing position number BF 6-595.

CHEMPELOYMENT ABSTRACT 3849
Position Title: process Engineer - Recovery
Job Description: The Process Science Group is looking for a dynamic engineer in protein recovery and purification. This individual will be a part of a team responsible for the hands-on development of biological production processes across all stages of process development - from discovery, scale-up to pilot production, and technology transfer to Genencor's manufacturing plants.
QUALIFICATIONS DESIRED
Education: BS/MS in biochemical or chemical engineering.
Experience: Strong written and verbal communication skills. 0-3 years bioprocessing industrial exp., with hands-on emphasis. Strong team player. Self-starter with good organizational skills.
LOCATION, SALARY, MAIL ADDRESS
Job Location: Palo Alto
Salary: Competitive salary with employee benefits
Employer Description: Genencor is a diversified biotechnology company which discovers, develops & sells bio-catalysts & other bio-products for the industrial, consumer & agri-processing markets. For more information go to www.genencor.com.
Application Instructions: To apply: Please send resumes to scvacs@genencorcareers.com and reference job number 121-PA-06. Genencor is an equal opportunity employer.

CHEMPELOYMENT ABSTRACT 3850
Position Title: Chemical Engineer Senior Consultant
Job Description: A chem engineer to join its Process Economics Program (PEP) as a senior consultant. The job location is either in Woodlands, TX or Menlo Park, CA. PEP develops models & costs commercially viable process designs for the chemical & other major industries, and conducts private research and process evaluations for individual clients.
QUALIFICATIONS DESIRED
Education: MS or BS in chemical engineering or equivalent exp. MBA is a plus.
Experience: 5-8 years of exp in process design. In addition, knowledge in evaluating chem proc technologies with a major chem company is preferable. Excellent written and verbal communication skills are required. Knowledge of AspenPlus and other process design and simulation and costing software is an advantage.
LOCATION, SALARY, MAIL ADDRESS
Job Location: Menlo Park, CA or Houston, TX
Salary: Competitive salary with employee benefits
Employer Description: SRI Consulting is a division of Access Intelligence LLC with offices in Menlo Park, CA, Houston, TX, Zurich, Beijing and Tokyo. For more information, please visit our Web site at www.sriconsulting.com.
Application Instructions: please send your resume to: Sandi Lucas, SRI Consulting, jobs@sriconsulting.com, Phone: 650-384-4318, Fax: 650-384-4273

Highlights of the Joint Meeting of SCV-ACS in March with Dr. Claire Pomeroy, M.D.
SANTA CLARA VALLEY SECTION
AMERICAN CHEMICAL SOCIETY
P.O. Box 395, Palo Alto, CA 94302

APRIL 2006 NEWSLETTER TOPICS:

Synopsys Championship
April Dinner Meeting Reminder
Call for Nominations - Shirley B. Radding Award
Chair’s Message
Palma High School Science Fair
New Members Santa Clara Valley Section, ACS
Ottenberg Service Award 2006 Call for Nomination
“Biopolymers: Polymers in Medicine”
Summer Chemistry Workshop
CHEMPLYMENT ABSTRACTS

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SCVACS-newsletters-subscribe@yahoogroups.com.

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Treasurer Herb Silber  408-924-4954 hbsilber@sjsuvm1.sjsu.edu
Past Chair Jack Riley  925-250-4050 jfriley2004@sbcglobal.net

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ChemPloyment Abstracts
Director: Shirley B. Radding  408-246-2564 sbradding@sbcglobal.net

FUTURE MEETINGS

Apr 20  SCV Dinner Meeting
Santa Clara, CA
Apr 22  Regional Chemistry Olympiad
Livermore, CA

No SCV Dinner Meeting Scheduled for May

May 10  Intel International Science and
Engineering Fair
Indianapolis, IN
May 10-12 Ninth World Congress on
Biosensors
Toronto, Canada
May 21-24 2006 Biennial Polymer
Conference
Key Biscayne, FL
Jun 12-16 39th National Organic
Chemistry Symposium
Salt Lake City, UT

For the latest information, please visit SCV/ACS web site: www.scvacs.org

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