

# Silicon Valley Chemist

Santa Clara Valley Section

American Chemical Society

Volume 25 No. 11

## The Ottenberg Service Award for 2003

The Abraham Ottenberg Award of the Santa Clara Valley Section was established in 1973 to recognize members of the section who have provided distinguished service to the Section. This year's recipient is Ean Warren. The award was presented at the regular dinner meeting in September 2003 at the Blue Pheasant Restaurant



Ean Warren receives the 2003 Ottenberg Award from Ian Diem and Lois Durham.

in Cupertino, California.

The presentation was made with the assistance of Ian Diem, 11-year old grandson of Marge and Abe Ottenberg.

The recipient was nominated for his service to this Section. He has held elected offices as Treasurer, Chair-Elect, Chair, Past-Chair and Councilor. Other

services rendered include being a member and chair of the Finance Committee, organizing National Chemistry Week Activities, one of the founding members of the Younger Chemist's Committee of the SCV Section, including setting up an award-winning program for the YCC, and last but not least playing an integral part in setting up and maintaining our Section Web Site.

## Chair's Message

In October, the Nobel Prize in chemistry was announced. Dr. Peter Agre from Johns Hopkins University School of Medicine and Dr. Roderick MacKinnon from Rockefeller University share this prestigious award, given by the Royal Swedish Academy of Sciences. Their pioneering discoveries contributed to our current understanding on the structure and mechanism of ion channels. As a biophysical chemist, I have always enjoyed studying these

channels and how certain ions are shuttled in and out of cells. Their chemistry is simply awesome. I hope you have an opportunity to discuss this award with someone who is not a chemist. It might spark their interest in chemistry and the important role that chemistry plays in our daily lives.

Speaking of awards, I congratulate the Student Affiliates-ACS group at Santa Clara University for their 11th consecutive national award. They won a "Commendable" SAACS Section Award from ACS-National. Also, Dr. Linda Brunauer received a Lifetime Achievement Award in Teaching from Santa Clara University. Congratulations, Dr. Brunauer!

Next year, the ACS-Santa Clara Valley Section will celebrate its 50th anniversary. Your Executive Committee needs your input on how we can celebrate this special occasion. Please send me your ideas so I can share them with our Executive Committee. We are only in the initial stages of planning so we welcome your thoughts on this event.

## November Dinner Reminder

Join our very own, Dr. Karl Marhenke, on November 20th as he talks about his international excursions to view solar eclipses. Since 1970, he has been on four continents to view these phenomena and in this presentation, you will peer into some nice shots from two of his trips.

The dinner will be held at the Biltmore Hotel & Suites in Santa Clara. The cost is \$27 with the choice of Teriyaki Steak or Pasta Primavera; wine will be included with dinner.

Your reservation should be made by November 17th, stating your name, address, company affiliation, number of attendees, and menu selection(s). You can make your reservations via the website ([www.scvacs.org](http://www.scvacs.org)) or by contacting Shirley Radding (408-246-2564, 408-296-8625 FAX)

If you are unable to honor your reservation and do not cancel by Wednesday 19th, you will be invoiced following the dinner meeting.

## The Year of Flight

Celebrating the centennial of aviation, the National Inventors Hall of Fame paid tribute to one of the greatest accomplishments of humankind by recognizing seventeen inventors whose ideas have advanced the fields of aviation and aerospace. Go to [www.invent.org](http://www.invent.org).

The only chemist is Thomas Midgley, the 1944 president of the ACS. He was the inventor of tetraethyl lead (ethyl gasoline), the antiknock compound still used in aviation fuel.

This year's inductees have left their mark on the past one hundred years of flight, exploring new frontiers in the world around us: from developing airplanes that fly non-stop around the world to jets that travel faster than the speed of sound and rockets that can launch us into space.

The inventors honored in February 2003 were:

- **Dr. George R. Carruthers**  
– Far Electrograph Ultraviolet Camera
- **Mr. Frank Cepollina**  
– Satellite Servicing Techniques
- **Mr. Glenn Hammond Curtiss** (posthumous)  
– Hydroaeroplane

- **Dr. Maxime Faget**  
– Space Capsule Design
- **Mr. Leroy Grumman** (posthumous)  
– Retractable Landing Gear; Folding Wing
- **Mr. Charles H. Kaman**  
– Rotor Control Mechanism for Rotary Aircraft
- **Mr. Paul Kollsman** (posthumous)  
– Altimeter
- **Mr. Edwin A. Link** (posthumous)  
– Link Trainer/Simulator
- **Mr. Thomas Midgley, Jr.** (posthumous)  
– Ethyl Gasoline
- **Mr. John K. Northrop** (posthumous)  
– Flying Wing plane; All-Metal High-Wing Monocoque Airplane (Vega)
- **Dr. John Pierce** (posthumous)  
– Communications Satellite
- **Dr. Harold A. Rosen**  
– Spin Stabilized Synchronous Communications Satellite
- **Dr. Theodore von Karman** (posthumous)  
– Turbo Jet
- **Dr. Hans J.P. von Ohain** (posthumous)  
– Jet Engine

- **Dr. Richard Whitcomb**  
– Supercritical Wing
- **Sir Frank Whittle** (posthumous)  
– Jet Engine
- **Dr. Sam Williams**  
– Small Fan-Jet Engine

*Howard Peters*

## Editor's Corner

Happy autumn! At the time of printing, National Chemistry Week was getting underway. A brief synopsis of our section's activities with pictures will be in the next newsletter – I would hope that you managed to experience them first hand!

I never realized that during the week of National Chemistry Week, the ACS gives everyone free access to selected articles from the Journal Archives and other publications. Furthermore, I always find interesting tidbits of information on the [www.chemistry.org](http://www.chemistry.org) website. For example, there's a molecule of the week, an animated periodic table, and information on the current policies that are in the legislative circuit. Whether you're a student or a professional, I found that there is something for everyone on the ACS National website. Check it out!

## Cooperative Programs Noted Between CHAL and SCVACS

On September 9th, the ACS Division of Chemistry and the Law (CHAL) was recognized by the Divisional Activities Committee (DAC) with an award for innovation and outstanding service to members of a Division, at the New York City meeting. In January 2002, CHAL with the ACS Committee on Minority Affairs and the Santa Clara Valley local section planned and participated in the Dr. George Washington Carver Science Fair and Carver Kidvention at the Santa Clara Convention Center. This event generated positive chemical science experiences for local grade and high school children. As part of the ACS new initiatives for outreach to other scientific and professional organizations, it was also noted that CHAL organized at the Boston ACS fall national meeting a program with the Boston Patent Law Association.

On the behalf of the division, the 2003 Chair of CHAL, Ken Colton, esq. thanks the Santa Clara Valley Local Section for their continued long-term cooperative efforts with CHAL to further the objectives of the Society.



*Ken Colton, esq. and Howard Peters receiving the innovative and service award.*

## CHEMPLOYMENT ABSTRACT 3728

*Position Title:* Bench Chemist

*Job Description:* Temporary assignment in Petaluma.

### QUALIFICATIONS DESIRED:

*Education:* BS Chemistry

*Experience:* Bench chemist with 2-5 years experience in the pharmaceutical industry. Knowledge of GMP, GLP and HPLC.

### LOCATION, SALARY, MAIL ADDRESS

*Location of Employer:* Petaluma

*Salary:* \$17-\$19/hour

*Description of Employer:* Pharmaceutical company developing dermatological products and analytical and clinical services.

### Application Instructions:

Please contact Elenah Herdman or Linda Svenson at 707-521-2140 or fax to 707-521-2134.



## ACS Regional Industrial Innovation Awards Program

### Shining a Wider Spotlight on Successful Industrial Research & Development

ACS regional meetings provide an unparalleled opportunity to obtain top-notch technical programming that is customized to reflect scientific challenges and business opportunities.

One unique program that delivers on these efforts is the American Chemical Society's Regional Industrial Innovation Awards Program, sponsored by Industry Member Programs. This program honors individuals and teams for their creative chemical innovations that have resulted in a commercial product or process.

Recipients of this award come from a broad range of companies such as 3M Co., Lucent Technologies, Molecular Probes, Inc., Dupont Co., Dial Corp., Pacific Northwest National Laboratory, Precision Combustion, Inc., Pfizer Inc, General Motors, Abbott Lab., Merck Co., Bayer Corp., GelTex Pharmaceuticals, Eastman Chemical, Sealed Air Corp., Texas Instruments, The Procter & Gamble Co., etc.

The recipients are honored during their respective ACS regional meeting, which includes a symposium that features 20-minute presentations by the honoree(s) and the presentation of an

official ACS certificate at a special awards banquet. Furthermore, the Regional Industrial Innovation Awards Program presents several other opportunities:

- This program allows the ACS, a global leader in serving chemists, the opportunity to recognize scientific researchers for their creative contributions to society and their corporate leadership for the advancement of a healthy regional economy;
- Honorees gain the well-earned recognition of their peers and co-workers in the chemical profession; and through local, regional, and national media coverage, the company can use the success story to enhance its public image, develop lasting goodwill in the community, and increase employee morale within the company;
- The program presents a significant networking opportunity for ACS members, ACS governance, industrial researchers, corporate leaders, and students; and
- The program promotes the awareness and importance of the chemical

profession and the valuable contributions that chemists make on our everyday life.

Consider placing a nomination for the 2004 Regional Industrial Innovation Awards Program. The deadline for submitting nominations for the 2004 cycle is January 15, 2004. For further information, please contact Vanessa Johnson-Evans at (202) 872-4373, (800) 227-5558, ext 4373, or [cheminnovations@acs.org](mailto:cheminnovations@acs.org). Information can also be found at **<http://chemistry.org/industry/regionalawards>**.

Good leaders guide the willing and persuade the stubborn.

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*Life is meant to be a never-ending education and when this is fully appreciated we are no longer survivors, but adventurers.*     --David McNally

*If I can't make it through one door, I'll go through another—or I'll make a door.*                                     --Joan Rivers

*Just don't give up trying what you really want to do. Where there is love and inspiration, I don't think you can go wrong.*                                     --Ella Fitzgerald



SANTA CLARA VALLEY SECTION  
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#### CHEMPLOYMENT ABSTRACTS



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## FUTURE MEETINGS

<b>Nov 9-12</b>	Proteomics & Genomics ACS ProSpectives Leesburg, VA
<b>Nov 20</b>	SCV Dinner Meeting Dr. Karl Marhenke Santa Clara, CA
<b>Jan 22</b>	Dr. Joseph Lambert Mosher Awardee Santa Clara, CA
<b>Jan 25-28</b>	Organic Thin Film Electronics Miami, FL
<b>Feb 19</b>	Dr. Howard Peters Chocolate Santa Clara, CA
<b>Mar 28 to Apr 1</b>	National Meeting Anaheim, CA

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



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