

40.5 59(2)

PUGET SOUND CHEMIST

BULLETIN OF THE PUGET SOUND SECTION OF THE AMERICAN CHEMICAL SOCIETY

Volume 59, Number 2



MARCH 1998

ChemCenter

A SERVICE OF THE AMERICAN CHEMICAL SOCIETY

Message from the president Email List for Distributing News and Announcements to the Local Section

An email distribution list is now up and running for the Puget Sound Section of the ACS. Members may subscribe to the list and use it to announce job openings, lectures, special events, questions to the local membership or the executive committee. Advance information about dates, times and contacts for upcoming local section meetings will appear on the list as well. Discussion topics related to industrial chemistry, chemical education, government policy or any other relevant topic are on the list are welcome. Members are encouraged to use the list for any purpose that is of benefit to the local section membership. Individuals who subscribe to the list from their email account will receive all messages posted to the list by other subscribers.

The email list for the Puget Sound Section of the ACS is called PSS_ACS and is at pss_acs@rainier.chem.plu.edu. To subscribe to the list send an email message (please see page 5)

ACS Webmaster Sarah Nash will surf the Net at UW

Sarah Nash, the American Chemical Society Webmaster, brings her World Wide Web bag of tricks to the March Puget Sound Section meeting at the University of Washington Chemistry Department, Bagley Hall, Room 154 on Monday, March 16, 1998, at 8:00 p.m.

Her talk, titled *Boogie-Boarding the Internet: Getting the most chemistry from the World Wide Web*, will "sharpen your WWW surfing skills [by illustrating] how to use chemistry and science-related web pages to search for jobs, explore ACS services [including member benefits and communication services] and search CAS databases using the web," she says. Since there will be an Internet-connected computer in the room, Nash adds that you should "bring your favorite topics or

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SECTION, AMERICAN CHEMICAL SOCIETY



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Published eight times during the academic year (September through the following June) by the Puget Sound Section of the American Chemical Society. Total circulation: 1800. Direct all copy to the Editor and advertising correspondence to the Business Manager. The Secretary handles other business. Please word-process and save as "text only" or type and double-space letters and articles! Letters may be edited due to space considerations.

Puget Sound Section ACS Executive Committee Future Meetings in 1998

Meetings are open to all members and are held at 6:30 p.m. on the second Wednesday of each month in room 2430C (above the bookstore) at North Seattle Community College, 9600 College Way North in Seattle (across I-5 from Northgate Mall). The next meeting will be Wednesday, March 11.

SPECTROSCOPY COURSE AT HIGHLINE

The Eighth Biennial Special Course in Spectrometric Methods of Identification for Laboratory Scientists and Teachers covers theory and application of IR, NMR and MS; the major focus is on practical interpretation of IR and MS spectra. Previous participants have come from schools, colleges and 40 federal, state, county, university, medical, industrial and private labs, located in six counties. The course will be presented on eleven Tuesday evenings, starting March 31, 1998, all for \$146. For information and brochure, call Bruce Richardson at (206) 878-3710 ext. 3509, e-mail him at brichard@ctc.edu or visit his website at www.highline.ctc.edu/ins/chemistry/210flyer.htm He adds, "Think SPECTROPOWER!"

Laboratory Safety and Health: Beyond the Basics

This course will be held in Seattle, March 19-20, 1998. Up-to-date information on new regulations, technical advances and the most effective approaches to making the laboratory a safer workplace. Intended for safety professionals and industrial hygienists; science teachers responsible for lab safety in public schools, community colleges and universities; and laboratory researchers in the private and public sectors. Copy of recently revised *OSHA Prudent Practices in the Laboratory* available at a reduced price. Professional credit available. Fee: \$495. Contact the Northwest Center for Occupational Health and Safety, University of Washington, (206) 543-1069.

National ACS Plenary Session focuses on R&D

Dr. Jacqueline Barton of Caltech will moderate a Presidential Plenary Session entitled "The Future Role of the Federal Government in Research and Development" at 4:30 p.m. on March 29 at the ACS national meeting in Dallas, room D267 of the Convention Center. Included in the panel will be Dr. F. Albert Cotton of the Laboratory for Molecular Structure and Bonding, Dr. Joseph A. Miller of DuPont and Dr. Neal F. Lane of the NSF.

One of the key thrusts of the Society's strategic plan is the encouragement of funding research in science, technology and engineering and the support of finding that funding. Participate in a discussion of this crucial topic. For further information, phone Paul H.L. Walter at (202) 872-4461 or fax him at (202) 872-6338.

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50 YEAR MEMBER BIOGRAPHIES

Raymond M. Way

My first job as a "chemist" was recovering silver from silver chloride precipitate generated by researchers in the Department of Oceanography at the University of Washington. I was a student at UW at the time and, while I was not particularly interested in industrial chemistry, I needed money, like most students even then.

Microbiology was also a subject I was interested in so I enrolled in Food Technology, not sure of how I was going to make a living upon graduation. As it turned out, the Second World War dictated this and I found myself at Cutter Laboratories working in the penicillin plant as a bacteriologist.

The next stop was in eastern Washington, working in a dehydration plant as the senior chemist (there was only one) in charge of quality control. This position was necessary to assure the military that our products, namely dehydrated potatoes and evaporated apples, met with military specifications. The analytical methods in use in those days proved to be a challenge and laid the foundation for the work I was to do in the future.

With the end of the war came the end of that job. Annette and I had married and had the first of our two sons, so it was rather urgent that I find employment. I consulted with Dr. Howard Douglas, Department of Bacteriology at UW. Dr. Douglas suggested that I contact Mr. Walter Gailey at Crescent Mfg. Co. (later known as Crescent Foods). I will always remember Walter Gailey not only for my being employed at Crescent, but because he introduced me to the Puget Sound Section of the American Chemical Society.

I found that, under the guidance of Mr. Gailey, the spice and flavoring industries were a wealth of challenges in the field of chemistry. It appeared they were adapting some of the newer analytical techniques. Fortunately for me, the company was looking to the future and allowed me to pursue some of these advancements. I was able to successfully separate some organic acids in vanilla extracts using the new technique of paper chromatography, which had an economic impact on the vanilla extract industry. Mr. Gailey had developed a paper chromatographic method for the separation of vanillin from ethyl vanillin in vanillin extract, and I was able to modify the method to a quantitative method for the estimation of ethyl vanillin in vanilla.

(please see page 6)

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resident's message (continued from page 1)

ge to the address listproc@rainier.chem.plu.edu with SUBSCRIBE PSS_ACS YOUR NAME as the sole text in the body of the message (caps are not necessary). A few minutes later you will receive confirmation email that you have subscribed. Once you have subscribed to the list, all messages that you wish to be distributed to other subscribers of the list should be sent to pss_acs@rainier.chem.plu.edu, NOT listproc@rainier.chem.plu.edu. If you want to unsubscribe from the list, send the message UNSUBSCRIBE PSS_ACS to listproc@rainier.chem.plu.edu.

I encourage you to subscribe to the PSS_ACS list and make it an active venue for communication within our section. If you have any questions about the list please call or send email to me: Craig Fryhle, (252) 535-8314, fryhle@rainier.chem.plu.edu

NASH (continued from page 1)

questions" and she will do her best to show you how to answer them.

Nash obtained her BA in political science and journalism from Michigan State University and joined the ACS Books Department in 1992 and later moved to the Office of Industry Relations, where she developed communications for industrial members. She then worked in the Office of Local Section Activities, where she helped more than fifty local sections establish a presence on the World Wide Web, before becoming Webmaster. Her responsibilities now extend across ACS's flagship web site, ChemCenter (<http://www.ChemCenter.org>), and the membership-oriented ACSWeb (<http://www.acs.org>).

The social hour begins at 5:45 p.m. at Ivars Restaurant (not at UW), located at 401 NE Northlake Way (under the I-5 bridge), followed by dinner at 6:15 p.m. For dinner reservations, please call Toni Curtis at the Chemistry Department at Pacific Lutheran University, (253) 535-7530; please inform her of your dinner preference: the choices for dinner are salmon or chicken at a cost of \$22 per person, which includes tip and gratuity. A no-cost bar will be available. Reservations should be made by Wednesday, March 11.

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WAY (continued from page 4)

Space does not allow me to discuss the many explorations the company allowed me to pursue, so I will close with the observation that I found so much to do in the discipline of chemistry, I always looked forward to the next day—and this lasted for 36 years.

JOB OPPORTUNITIES

Full-time Chemistry Instructor — Highline Community College is accepting applications for a Chemistry Instructor for the 1998-99 academic year to teach courses in introductory, general and organic chemistry. Minimum qualifications include a Master's degree in chemistry with specialization in organic chemistry. For a detailed job description and application materials, please write: Sue Williamson, Director of Personnel, PO Box 98000, Des Moines, WA 98198-9800, or call (206) 870-3751 or e-mail to swilliam@hcc.ctc.edu or fax to (206) 870-3773. Preliminary screening of applications began on February 24, 1998. EOE.

Part-time Chemistry Instructor — Shoreline Community College is seeking candidates for a part-time instructor pool to fill positions in general and organic chemistry for spring and fall quarters, 1998. Candidates should have a Master's degree in chemistry. For further info, please call Gillian Lewis, Science Division Associate Chair at (206) 546-4780.

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RUMOUR AND SIGH

The *Chemist* makes no guarantee that jobs mentioned in this section will ever be opened)

Full-time Chemistry Instructor — Seattle Central Community College will be accepting applications for a Chemistry Instructor for the 1998-99 academic year to teach courses in introductory, general and organic chemistry. Minimum qualifications include a Master's degree in chemistry with specialization in organic chemistry. The position announcement has not been finalized. For further information, call Herb Bryce, Associate Dean of the Science/Math Division at (206) 587-6921.

ANNOUNCEMENTS

North Seattle Community College Chemistry Department is looking for Perkin Elmer gas chromatograph and/or atomic absorption spectrophotometer instrument owners/operators who will volunteer an afternoon to instruct staff and faculty on the use and/or servicing of these machines. If you wish to help, please call Frank Deering at (206) 527-3751 or John McDaniel at (206) 526-0182.

PLEASE HELP US!

The Puget Sound Section is about to produce a new **Directory** in response to numerous requests. Since the ACS lists have many errors and much missing data, we need your help in getting an accurate database. Please complete the following coupon carefully and mail it to:

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Thank you for your help! And please mail immediately.

FUTURE MEETINGS in 1998

- March 16** Ms. Sarah Nash, American Chemical Society
"Boogie-Boarding the Internet: Getting the
most chemistry from the World Wide Web"
- April** TBA
- May 15** Dr. J Ernest Simpson, Cal Poly Pomona
"The Chemistry of Wine"

About last issue...

If you did not receive your *Chemist* and your name appears in the list below, please accept our apologies for your not receiving the *Chemist* last month. We are trying to purge our mailing list of members who have moved out of the area and, because you had either stopped your mail or left a forwarding address, the postal service returned your copies of the *Chemist*. We would like to take this opportunity to remind everyone to let the national ACS (1-800-333-9511) know what your new address is!

Galina Blum, Charles Carlson, Robert Coghill, Colin Elliott, John Harris, Ward Harris, Edwin Johnson, C.A. Krier, Ken Lewis, Allan McClure, Leslie Moore, William Mueller, Sherry Nelson, Takehiko Otoy, Hima Patel, Kristina Peterson, Paulo Pinto, William Proops, Frederick Ray, Salvador Regala, Virginia Richmond, Paul Selle, Alka Shanahan, John Snyder, Nicholas Vermeulen.

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