

**PUGET
SOUND**

CHEMIST

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PUGET SOUND CHEMIST

Newsletter for the Puget Sound Section



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Executive committee meetings are open to all members and are held on the second Wednesday of each month (unless otherwise indicated) at 7:00 p.m. in room **2428** at North Seattle Community College, 9600 College Way North in Seattle. The next meeting is **Wednesday, November 12th**

On the Cover: Herb Bryce

Fifty Years in the ACS

by Ralph F Peak (Fifty Year Member)

I graduated in 1949 from the University of Colorado with a Chemical Engineering degree, and worked for a year as a sugar analyst.. Recalled to active service in the Army as a reservist during the Korean War, I ended up assigned to the Chemical Corps at Dugway Proving Ground, Utah. There, I took part in testing of chemical, biological, and nuclear radiation emitting weapons. During this period, I joined both the American Chemical Society and the American Institute of Chemical Engineers, and have remained a member ever since. After release from active duty in 1953, I came to Seattle to attend Graduate School at the University of Washington. I worked as a laboratory assistant for Dr. David Ritter on the synthesis of boron hydrides. My master's thesis was done in the Chemical Engineering Department for Dr David Morton., and was titled Design and Cost of Ion Exchange Units.

After graduate school I worked for a variety of companies across the West in different jobs: Rifle and small arms primer production and testing, Speer Cartridge, Lewiston, ID; Vanadium concentrate and U₃O₈ concentrate Union Carbide, Uravan, CO; Test safety for rocket propellants and explosives; Boeing Company, Seattle, WA Formaldehyde and plywood glue production; Borden Company, Kent, WA; Consulting engineering to phosphate industries Pocatello, ID; U₃O₈ yellow cake production, Utah Intl., Casper, WY; Tungsten concentrate production from ore; Gen. Electric, Winnemucca, NV. Much of my career involved the processing of solutions using ion exchange techniques. *I had a very interesting career working as a somewhat itinerant engineer.*

THE PUGET SOUND LOCAL SECTION

NOW HAS AN OFFICIAL WEBSITE!!!

Here it is: <http://membership.acs.org/P/Pugetsound/>

Thanks to: Gregory Milligan, and associates!! Dept. of Chemistry
Saint Martin's College gmilligan@stmartin.edu voice: 360-438-4314

To subscribe to the Puget Sound Local Section email list:

ACS Puget sound section members may check for updates and self-subscribe to a new emailing list, available through Pacific Lutheran University. This is useful for obtaining up-to-date information for meetings and important events. To subscribe, visit the the following webpage: www.chem.plu.edu/mailman/listinfo/pss-ac.

THE WIZARD IS BACK !!!

The Wizard (aka Dr. Tim Hoyt) and his Scientist Assistant, Dr. Herb Bryce, will present "An Incredible Evening of Chemistry". The show is fun for all ages!! Don't miss it and bring your children and grandchildren. Time: November, TBD.

Check the email distribution for updated details or contact Greg Milligan at gmilligan@stmartin.edu.



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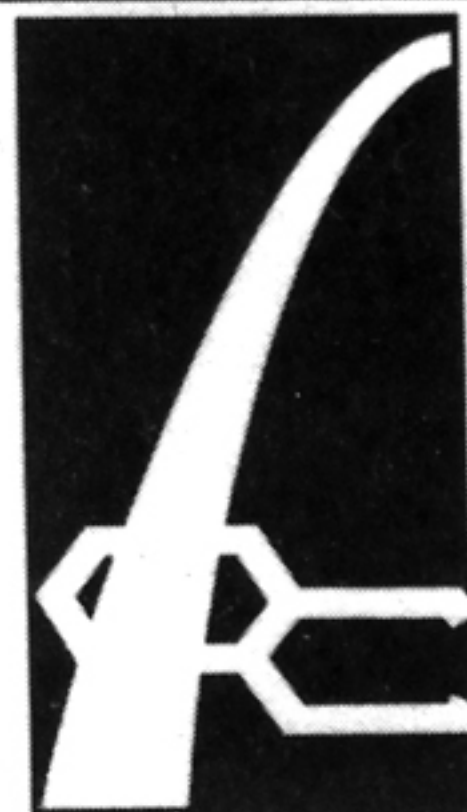
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PUGET SOUND SECTION OFFICIAL BALLOT FOR 2004 OFFICERS

Please complete this ballot, remove the page, fold and seal it, and mail to Dr. Sara Selfe, whose address is visible on the exterior of the folded ballot. The deadline for completed ballots is December 4, 2003. The national by-laws stipulate that the section officers must be supported by a specific percentage of the section's members for the election to be valid. Please show your support by voting!

Chair-Elect

Dharshi Bopogedra

Treasurer

David Munch

Councilor - three-year term, ends 2006

George Kriz

Alternate Councilor - three-year term, ends 2006

Clarita Bhat

Meeting Reminder!! November's meeting is: Wednesday, November 19th, 2003, at PLU. Time: Lecture: 7:30 p.m. Topic is "Green Chemistry: Challenges & Opportunities for All Chemistry in the Twenty-first Century" Speaker is Dr. Lauren Bartlett Heine Location: Leraas Lecture Hall, Rieke Science Center, Pacific Lutheran University, Tacoma, WA 98447; Pizza (for those who make reservations) at 6:00p.m., Rieke Science Center Main
RSVP for food: By Noon, Tuesday, November 18th, to Toni Curtis, 253-535-7530, curtisaa@plu.edu

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Dr. Dharshi Bopegedra, Candidate for Chair-Elect, 2005

Dr. Dharshi Bopegedra has been a faculty member at The Evergreen State College since 1991. She completed her B.S. Honors degree in Chemistry with Mathematics minor at the University of Peradeniya in Sri Lanka. Her Ph.D. degree in Physical Chemistry with inorganic chemistry minor is from the University of Arizona. Her Ph.D. dissertation, completed under the supervision of Professor Peter F. Bernath, was on "Dye Laser and Diode Laser Spectroscopy of Gas-Phase Free Radicals". She completed a two-year post-doctoral research project at the NOAA, Environmental Research Laboratory in Boulder, CO, before starting her academic position at The Evergreen State College.

One of Dr. Bopegedra's passions is to help TESC students into teaching careers (K-12) in chemistry. In order to promote science education in local schools, she conducts science experiments in K-12 classrooms. Dr. Bopegedra's research interest is infrared spectroscopy of gas phase free radicals. She is the candidate for Chair-Elect 2005, for the section.

Dr. Bopegedra can be contacted at:

The Evergreen State College.

Department of Chemistry - Lab I

Olympia, WA 98505, U.S.A. Telephone: (360) 867-662

See the ballot on page 5

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**Dr. Sara Selfe, Secretary
ACS Puget Sound Section
Department of Chemistry**

Edmonds Community College

20000 68th Avenue West

Lynnwood WA 98036-5999

Herb Bryce Selected for Lingafelter Award

Herb Bryce was awarded the first Lingafelter Award for the Puget Sound Section. This award was named in honor of Ed Lingafelter, who passed away in April 2003, and is given annually by the Executive Committee for one outstanding chemist in the Puget Sound area. Herb has donated his time generously over four decades. He holds B.S. and M.S. degrees from Arizona State University and held post-graduate positions at Medlands University; University of California, Riverside; Washington State University; Miami University, Ohio and University of Northern Colorado.

Herb Bryce started his career 43 years ago teaching chemistry and physics at Sunnyslope High School in Phoenix. It was there that he started doing demonstrations to generate student interest. He continued doing demonstrations for his classes at the college, at elementary and high schools as well as teaching science demonstration workshops and putting on shows for the public, including the one he participates in each year for ACS. Herb was instrumental in developing the Puget Sound Section's "Chemistry With Kids" program, a hands-on group activity designed to excite and stimulate young students while learning science. To help in this endeavor he wrote/edited the book Chemistry With Kids.

After two years teaching high school, Herb went back to Arizona State University for his graduate degree in chemistry. He taught four years at Citrus College in California before moving to Seattle Central Community College where he spent 33 years teaching and as Dean of the Science & Math Division before retiring four years ago. Herb became active as an ACS Student Affiliate when he was an under-graduate student and has continued his involvement in the American Chemical Society. His involvement in the Puget Sound Section has included serving as Chair, Councilor, membership committee chair, education committee chair and co-editor of the Chemist. Bryce has also been active in state and national professional science and education organizations. He is a founding member of the Shoreline/Lake Forest Park Arts Council and has served continuously on the board for 14 years. Herb's artistic side involves photography, Ukrainian egg dying and the theater - not on stage but as a support person. Herb is presently serving his second term on the Gilbert & Sullivan board and has been actively involved in several community theaters. Herb has also served on the Shoreline School Board since 1992 and is on the Shoreline Parks, Recreation and Culture advisory board.



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