

**PUGET  
SOUND**

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**DR. GREG MILLIGAN**

**CANDIDATE FOR CHAIR-ELECT**





# 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 6:30 p.m. in room 2430C (above the bookstore) at North Seattle Community College, 9600 College Way North in Seattle. The next meeting is **Wednesday, November 13th**.



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### **NEW ACS PUGET SOUND 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 web page:

[www.chem.plu.edu/mailman/listinfo/pss-acs](http://www.chem.plu.edu/mailman/listinfo/pss-acs)

Instructions are found at the page site. Only list subscribers can post messages, and only list subscribers have email access to other members. Messages are limited to 40 K in size. Thanks to Craig Fryhle and Dean Waldrow for setting up the list!



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## National Chemistry Week Events

by Dharshi Bopegedera

During National Chemistry Week I will be working with the Kindergarten-class at St. Michael School in Olympia on the theme "Chemistry Keeps Us Clean". I will engage the students on a discussion of good hand washing techniques. I will talk about the role chemistry plays in providing clean water and soap and detergents. Then we will use "Glow Germ" to detect how effectively they wash their hands. After washing, they place their hands under a UV lamp. If they still have microbial residue present, their hands will glow. I will also work with school children throughout the school year. I will work with the fourth grade class, beginning in January of 2003, to help them conduct their science fair project for the academic year. We will investigate the properties of toothpaste. We will also make a sample of toothpaste and compare its properties to that of marketed toothpastes. The project will end in April with the students displaying their work in the school science fair.

### Chemistry: The Elements of Change

by George S. Kriz, General Chair, 17th Biennial Conference on Chemical Education

The 17th Biennial BCCE was held from July 28 through August 1, 2002 at Western Washington University, Bellingham. By all accounts the conference was a complete success, despite the power outage on Monday. Innovation and adaptability prevailed; however, and the event will be forever known as the "Blackout Biennial". Special mention should be made of:

Plenary lecturers - Prof Ronald Breslow, "Let's Not Waste the Opportunity to Inspire College and High School Chemistry"; Prof. Michael Doyle, "Misconceptions in Teaching and Research -- No Time, No Money"; Dr. George "Pinky" Nelson, "Basic Chemical Literacy for All - What Should Everyone Know?"; and Dr. Karen Morse, "Undergraduate Research - Why Should an Administrator Care?"  
Varian Environmental Analytical Challenge "What's Flowin' Through Rowan?", an extended program featuring teams of students investigating an environmental problem and development of a court case based on their results.

Gilbert Haight Symposium - the Monday program including a day-long symposium in honor of Dr. Gilbert Haight.

Undergraduate Research as a Cornerstone to a Chemistry Degree - a continuing theme of the conference was the importance of developing undergraduate research as a means of preparing chemistry majors.

Attendance: Total 1331; Total participants 1053; Full registration 920; Single day registrations 48; Student registrations 85; Non-participants 278.

Attendees represented 22 countries, including the US.

Workshops - there were 62 workshops, with 1237 enrollees.

Exhibitions - there were 61 exhibition booths and 50 exhibitor contracts.

Fun-run - 111 participants

Mole Day Breakfast - 97 participants

Conference Attendees came from interesting places, including: Bowling Green, Kentucky, Limerick Ireland, Winnetka, Illinois, Swannoa, North Carolina, Blue Bell, Pennsylvania, Wolfville, Nova Scotia, and an address listed as 12344 College Boulevard.



## **PUGET SOUND SECTION OFFICIAL BALLOT FOR 2003 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, 2002.

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 (vote for one)

\_\_\_\_\_ Greg Milligan

Secretary (vote for one)

\_\_\_\_\_ Sara Self

Treasurer (vote for one)

\_\_\_\_\_ David Munch

Councilor - three-year term, ends 2005 (vote for one)

\_\_\_\_\_ Mark Wicholas

\_\_\_\_\_ Deborah Wiegand

Alternate Councilor - three-year term, ends 2005  
(vote for one)

\_\_\_\_\_ Sue Jackals



## **GREG MILLIGAN**

### **Candidate for Chair Elect for 2003**

**Dr. Greg Milligan** is the Puget Sound ACS Chair Elect candidate for 2003. He is currently teaching organic and biochemistry courses at St. Martin's College.

He obtained his B.S. in chemistry at the University of Oregon, in 1983; Ph.D. in chemistry, University of Washington, 1990; Postdoctoral Fellow in Department of Medicinal Chemistry, University of Kansas, 1990 - 1993. He served as Assistant Professor of Chemistry (temporary), Washburn University, Topeka, KS, 1993 - 1995. He was a stay at home dad, 1995 - 2002, Olympia, Washington. Professor Milligan was born in Fredonia, Kansas. He grew up in Eastern Oregon. He has a wife, Sara, and three children, Miranda, Faith and Caleb. His hobbies include model rocketry and gold panning.

**PLEASE VOTE IN THE UPCOMING ELECTION. SEE  
BALLOT ON PAGES 5 AND 6.**

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**Dr. Sara Selfe, Secretary  
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## **URSULA LANG SCHOLARSHIP RECIPIENT**

**Ursula Lang**, senior biochemistry major at the University of Washington, received a \$1500 scholarship from the Association for Women in Science. This scholarship was partially funded by a contribution from the Puget Sound Section of the American Chemical Society.

After graduation from the University of Washington, Ursula aspires to earn a Ph.D. in a combination of epidemiology and to pursue a research career that will make a difference in the lives of people in developing countries. This would have great personal significance to her since her family and friends in Peru live in rural areas where health and nutrition are very poor. Ursula's career goal was reinforced by the epidemiology research that she conducted in Ecuador this past summer.

Ursula is actively involved in a student organization called Minority Association for Pre-Health Students (MAPS). She tutors children in the Rainier Beach area of Seattle and writes articles on health care issues such as children's health insurance, Type II diabetes in minority communities, and bone marrow registries. Her articles are published in several languages. Making a difference through her volunteer work is one of Ursula's core values.

**CONGRATULATIONS, URSULA !**



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### **JOINT MEETING PROGRAM WITH SIGMA XI WINTER 2003**

The Puget Sound ACS is planning a joint meeting with Sigma Xi this winter, date and details TBA. Please check the upcoming issues of the Chemist, or email list.

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**Dated Meeting Notice**  
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