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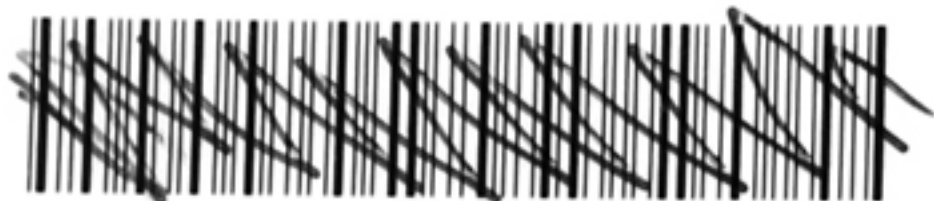
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BULLETIN OF THE PUGET SOUND SECTION OF THE AMERICAN CHEMICAL SOCIETY

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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 **2410** at North Seattle Community College, 9600 College Way North in Seattle. The next meeting is **Wednesday, May 14th**

On the Cover: The products of fermentation science are universally appreciated!
Photo courtesy of Bill Wasserman

"The Chemistry of Information Technology"

Summer School Program

Will take place during June 18-25, 2003

in association with the National Science Foundation STC in Materials and Devices for Information Technology Research (MDITR). The 7 day workshop will be conducted on the University of Washington campus. Fifteen invited speakers will present tutorials involving theory, synthesis characterization, processing, devices and applications. Topics will include nanophotonics, optoelectronics, spintronics, 3-D optical and electronic circuitry, and photonic bandgap devices. The program consists of four days of workshop and laboratory experiences, followed by a three day International Conference on the Chemistry of Information Technology. We are seeking undergraduates, graduate students, postdoctoral fellows, two and four-year college faculty, and members of industry who desire to learn about how various materials and disciplines of chemistry contribute to the rational development of materials in the field of photonics and information technology. The objective of this Summer School is to provide an intensive educational experience in the area of the chemistry of materials and devices for photonics and information technology research. The workshop content is designed to bridge disciplinary gaps to closely allied fields such as materials science and engineering, physics and electrical engineering. The sub-disciplines of chemistry will be central to demonstrating how chemical knowledge developed across the areas of organic, inorganic, polymer, materials, analytical and physical chemistry contribute to the rational development of constructive and exciting new strategies for the field of photonics and information technology. *continued on page 6*

Reminders: 50 Year ACS Members to be Honored in September!!

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-acs



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Workshop Announcement

Edmonds Community College in WA will host a three day workshop for high school science and 2-year college technology teachers and coordinators. The goals of this workshop are to provide an awareness of careers available in science and technology; to offer insights for getting students to explore careers in science and technology; and to help foster the relationship between two-year college and high school faculty. During the workshop, participants will have an opportunity to: work with two-year college faculty to identify issues associated with preparing students for careers in science and technology; meet with local area industry representatives to learn about the exciting career opportunities that are available to technicians; and experience a new science curriculum developed by the American Chemical Society entitled "Science in a Technical World" designed to prepare students for careers in science and technology. This workshop is designed for high school teachers, coordinators and career councilors who work with school to work or technology preparation initiatives, who teach integrated or applied science and technology courses, and have the ability to influence career choices of their students. Participants will be offered a \$300 stipend to help defer the costs of attending the workshop. All workshop materials, including to complete "Science in a Technical World" modules, will be provided to participants free of cost. This workshop also allows participants to earn CEU credits.

The workshop will be held at Edmonds Community College in WA on **June 30-July 2, 2003**. If you are interested in taking advantage of this exciting opportunity, please fill out the attached form and mail or fax it to:

Mary O'Brien, Edmonds Community College, 20000 68th Ave. W, Lynnwood, WA 98036, Phone: (425) 640-1641 E-mail: mobrien@edcc.edu

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Report from the National Chemistry Olympiad

by Justine Furutani

The Puget Sound Section is participating in the National Chemistry Olympiad again this year. Twenty-one students from seven high schools took the local section examination about a month ago, under the direction of Justine Furutani, the US National Chemistry Olympiad (UNSCO) Section Coordinator, and ACS member Anne Brackett. Five students scored well enough on that exam to qualify for the national level exam: **Madge Dodson of Olympia HS; Matt Colville and Whitney Farowich of Sammamish HS; and John Choi and Andrew Hemmaplardh of Newport HS in Bellevue.** The national examination for the Chemistry Olympiad was held on Saturday, April 26 from 10 a.m. to 3:30 p.m. at North Seattle Community College. This exam will be scored by the UNSCO Committee of the ACS and results should be available in mid-May. **Thanks and congratulations to all the students and their advisors.**

Chemistry of Information Technology *continued*

The participants in this Summer School will be introduced to the diverse range of topics essential for this emerging field, and will have the opportunity to enter this new territory and become both scouts and pioneers to help populate and develop the field. An explicit goal is to entice students and young faculty alike to choose this field for their future and to give them the tools to get started. The organizers have received a grant from The American Chemical Society Petroleum Research Fund to subsidize up to 40 participants. It is planned that ALL participants who are accepted will receive either partially or fully subsidized conference and travel expenses.

Applications may be downloaded via the World Wide Web: http://depts.washington.edu/stcmditr/events/acs_prf.php <http://depts.washington.edu/stcmditr/events/acs_prf.php> Attached, please find a printable announcement. Please post or forward this e-mail to anyone you feel might be interested in this opportunity.

Conference Organizers:

Dr. N. L. Frank and Dr. B. Robinson University of Washington, PO Box 351700, Seattle, WA 98195 Contact: Dr. Jasmine Bryant PHONE: (206) 616-9441 FAX: (206) 685-8665 Conference Email: EHRDO@chem.washington.edu <<mailto:EHRDO@chem.washington.edu>>

Dr. Jasmine Bryant Center for Materials and Devices for Information Technology Research Dept. of Chemistry, University of Washington Box 351700 Seattle, WA 98195-1700 Phone: 206-616-9441 Fax: 206-685-8665 Email: jbryant@u.washington.edu

COUNCILORS' REPORT FROM THE 225th NATIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY

by George Kriz

The 225th National Meeting of the American Chemical Society was held in New Orleans, Louisiana from March 23-27, 2003. This is a brief summary of the "highlights" of the national council meeting:

William F. Carroll, Jr., David F. Eaton, Michael E. Strem, and Kathleen C. Taylor were presented as nominees for 2004 President-Elect. Carroll and Strem were selected as the final candidates. The attendance at the ACS National Meeting was 14,576. Considering the general reluctance to travel and the downward slide of the economy, this was considered a gratifying attendance figure. For the past several national meetings, proposals have been debated back and forth about the need to increase the funding the professional divisions receive to conduct programming at national meetings. By a 2/3 voice vote, the Council approved a petition to increase the proportion of dues monies that go to divisions. At the same time, local sections will also receive a modest increase in funds. Because the Society is facing challenging economic conditions, the Board of Directors approved a temporary dues surcharge to offset the budgetary impact that accompanies this action. This special assessment amounts to \$2.00 per member in 2004 and increases to \$8.00 per member in 2007. After 2007, it is assumed that the special assessment will no longer be needed and that other sources of funding will have been found. Owing to the complexity of these decisions and because they involve changes to the Society by-laws, a final vote of the entire membership to approve these changes will be held in the late spring or early autumn. Part of the increased funding for divisions and local sections includes and Innovative Projects Fund. Divisions and local sections are encouraged to prepare and submit proposals for projects! Regarding the changes in funding formula: For 2002, local sections received \$1,317,605 and divisions received \$377,843. Under the new formula, had it already been in effect, local sections would have received \$1,431,000 and divisions would have received \$1,171,000. Considering that the professional divisions are responsible for most of the scientific program at ACS National Meetings, clearly some assistance to divisions seems necessary.



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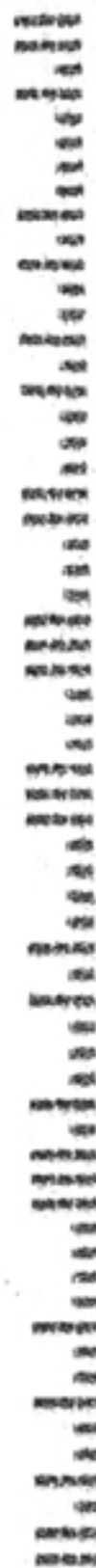
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