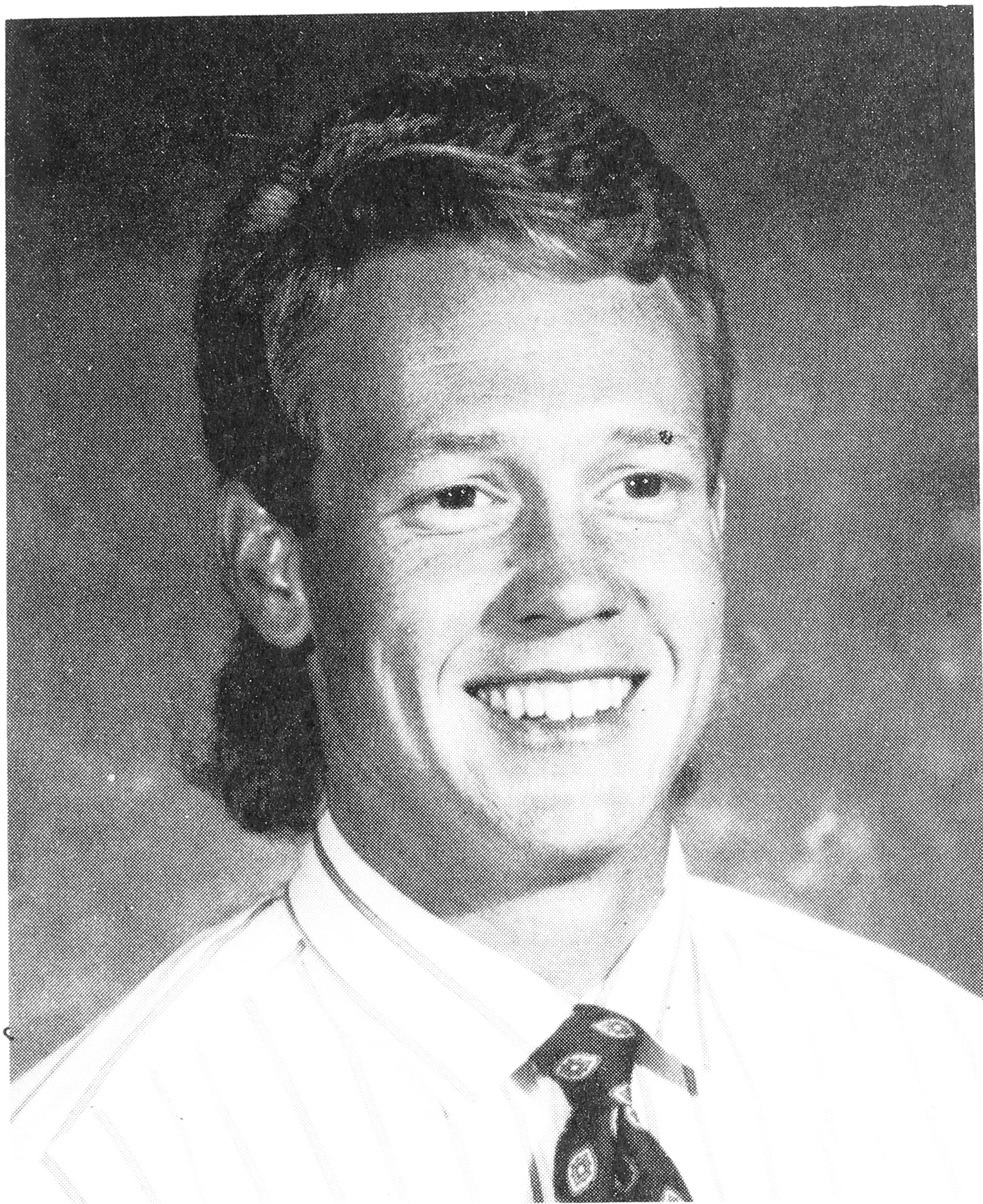


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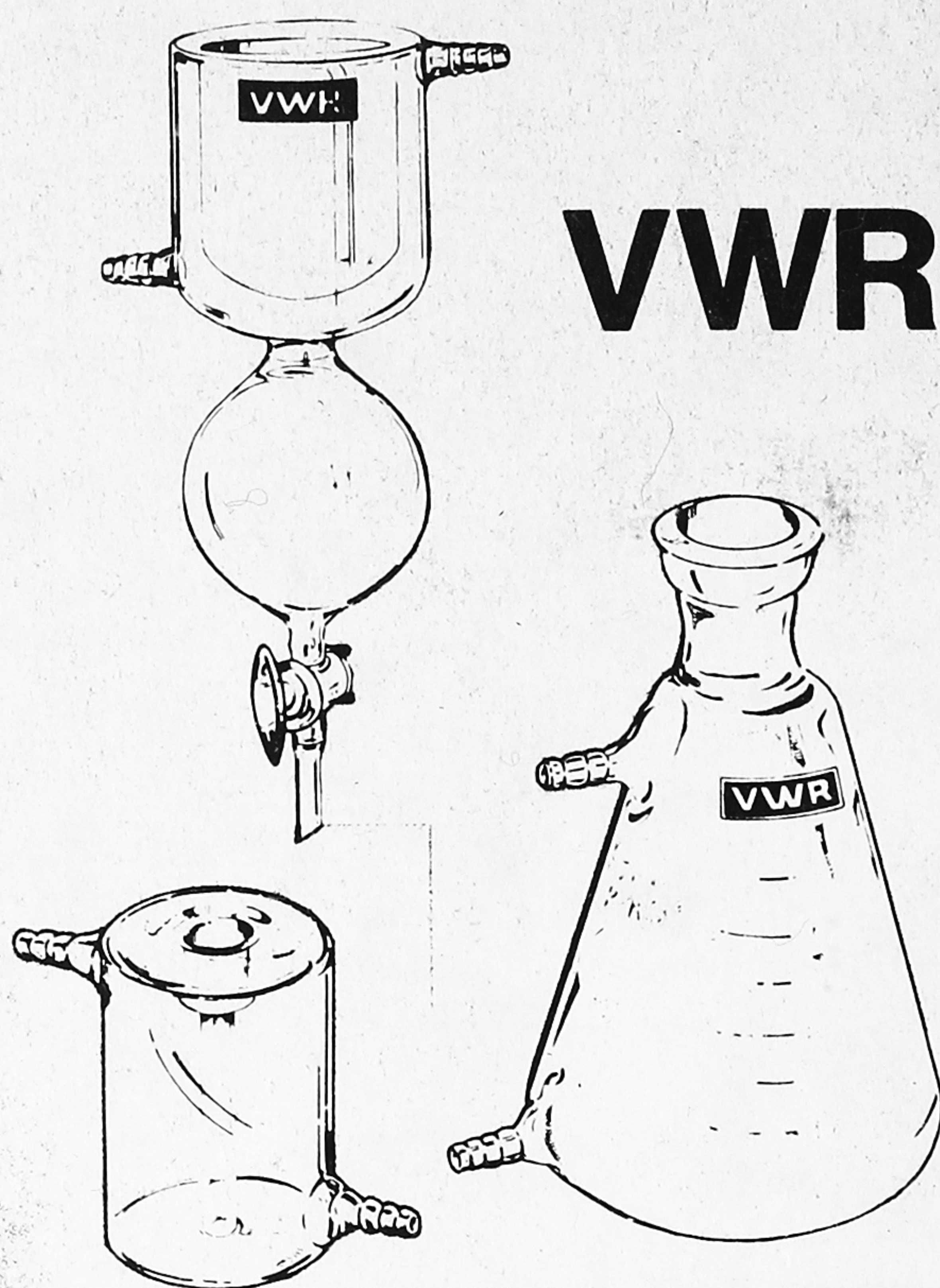
PUGET SOUND CHEMIST

BULLETIN OF THE PUGET SOUND SECTION OF THE AMERICAN CHEMICAL SOCIETY

Volume 52, Number 8



December 1991



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On the cover: Gary Millard, the 1991 Puget Sound Section Outstanding High School Teacher Award winner (see related articles in this issue).

GARY MILLARD RECEIVES 1991 PUGET SOUND SECTION OUTSTANDING HIGH SCHOOL TEACHER AWARD

Gary Millard was awarded the Puget Sound Section Outstanding High School Teacher Award for 1991 at the section meeting in November. He teaches chemistry at Juanita High School in Kirkland, Washington.

Gary Millard was born and raised in Yakima, Washington, where he attended West Valley High School and spent his first two years of college at Yakima Valley Community College. At that point he transferred to Washington State University and majored in Chemistry Education, graduating in the spring of 1987. He landed his first teaching position at Juanita High School in the fall of 1987. His first three years he taught mostly math with a sprinkling of chemistry. Last year he assumed the Honors Chemistry program at the school and, consequently, began teaching chemistry all day. During his first year he became the Head Track and Field coach and, the following fall, the Head Cross-country coach. Teaching is not new to his family as his father has taught chemistry and math and coached at the high school and college level for 39 years. His uncle taught chemistry at the college level for 32 years. In addition to this, three of his cousins are teachers as well.

When he began college he had planned to become a chemical engineer. However, after two and a half years the coursework did not appeal to him as much as he wanted, so he chose to follow in his father's footsteps. In his first year of teaching, he was chosen by the Juanita student body as their teacher of the year. He is currently working on his Masters in Science Education with a chemistry emphasis through the University of Washington, and plans to complete the degree by the summer of 1993.

ELECTION OF 1992 SECTION OFFICERS

The ballot for candidates for the 1992 Section officers and their biographies are on pages 7 and 8 of this issue of the Chemist. Members of the section should mark their choices on the ballot and mail it to Vince Santo Pietro by December 9.

MEMBERSHIP SURVEY QUESTIONNAIRE

Members of the Puget Sound Section and other readers of the Puget Sound Chemist are encouraged to complete and return the questionnaire on pages 9 and 10 of this issue to help the officers of the section plan and implement future activities.

BUSINESS MANAGER NEEDED FOR PUGET SOUND CHEMIST

The Puget Sound Chemist is seeking a volunteer Business Manager to solicit advertising and manage the advertising accounts. Harley Sheffield, who has held this position for the past year and a half, has resigned. Our thanks to him for all his efforts. For more information regarding the responsibilities of this important job, please contact David Munch, Section Treasurer, at 523-3763.

REQUEST FOR BUDGET RECOMMENDATIONS

The 1992 Section Budget will be presented for consideration at the Executive Committee meeting on December 11, 1991. Anyone who wishes to submit recommendations regarding this budget should contact the Treasurer, David Munch, by December 2, 1991.

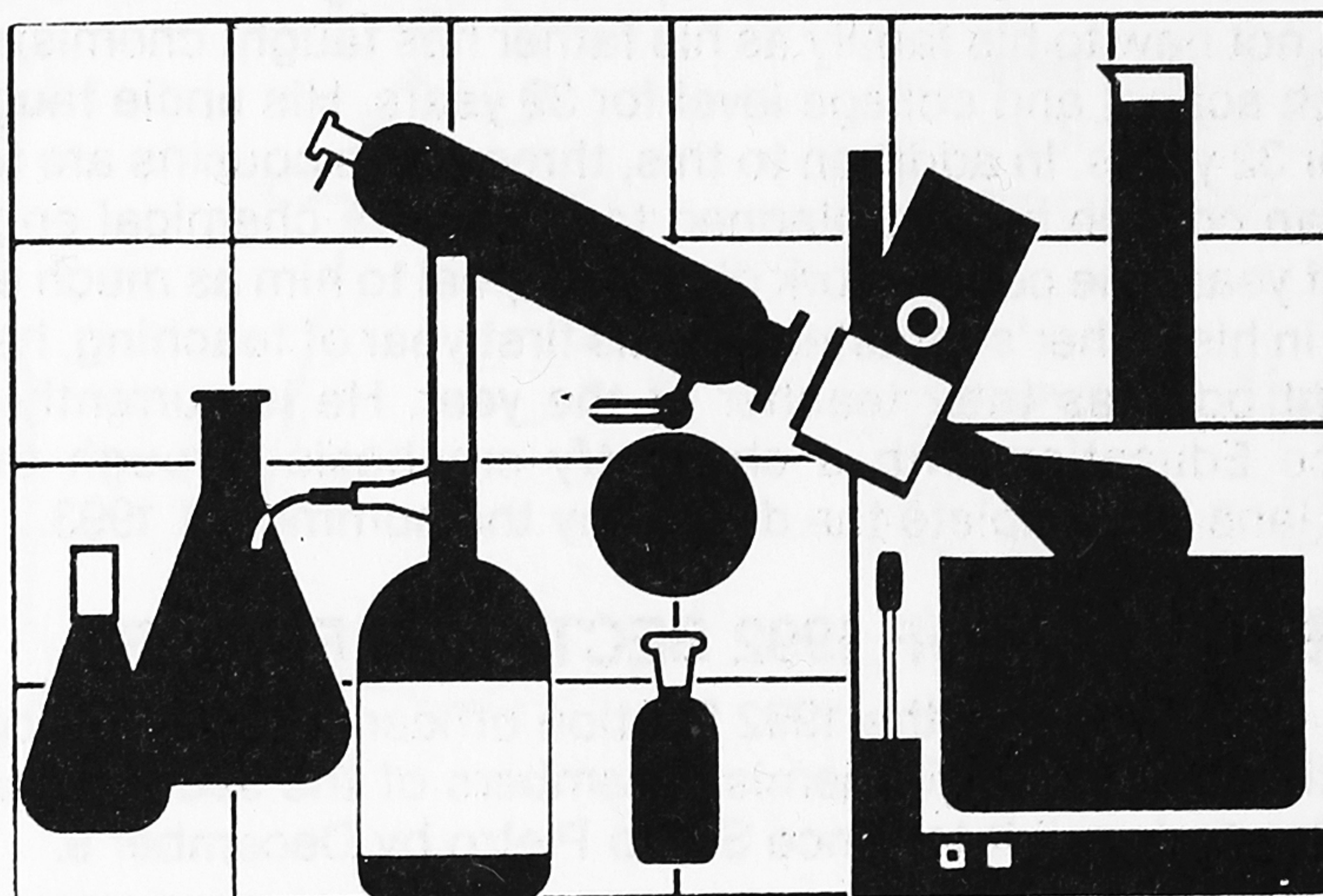
DEADLINE EXTENDED FOR ACS SCIENCE POLICY FELLOWSHIP

The application deadline for the ACS Science Policy Fellowship has been extended to January 3, 1992. This program provides an opportunity for ACS members to work with the ACS Department of Government Relations (GRASP) staff in a professional capacity for one or two years. The fellowship term begins in September 1992 with an annual salary in the mid-\$30,000 range. The Society also provides an allowance for relocation. For more information see the October 1991 Puget Sound Chemist or contact: Ms. M. Suzanne Baker, American Chemical Society, Office of Science Policy Analysis, Department of Government Relations and Science Policy, 1155 Sixteenth St. N.W., Washington DC 20036, (202) 452-2127.

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HAPPY HOLIDAYS

The Section's Social Meeting is being planned for mid-January 1992. Our Fifty-year members will be honored guests. There will be no section meeting in December 1991.

ACS HONORS FIFTY YEAR MEMBER

Dr. Otto Goldschmid of Shelton, Washington, a member of the Puget Sound Section of the ACS, has been recognized by the section and the national society for his 50 years of membership in ACS. He has received a certificate, a special pin, and a permanent badge good for free registration at all national and regional meetings. He was one of the 11 members of this section listed in the May 13, 1991, issue of C&E NEWS. The other 10 honorees were named in the October issue of The Puget Sound Chemist. These 50 year members will all be honored at a local section meeting early in 1992.

FUTURE MEETINGS 1992

January	Social Meeting 50 year members honored
February	1991 Pauling Award Oregon Section, Host
March (23-28)	Dr. Kenneth C. Matles, Eastman Kodak "The Inside Story of Color Photography"
April (20-25)	Dr. Ellis K. Fields, Amoco Chemical Company "My Career as an Industrial Chemist"
May	To be announced
June	Northwest Regional Meeting (NORM) University of Montana, Missoula
October (19-24)	Dr. Ernest Simpson, California State Polytechnic University "Chemistry of Wine"
November (16-21)	Dr. Carleton B. Moore, Arizona State "Chemistry of the Moon's Surface"
Fall	1992 Pauling Award Puget Sound Section, Host

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Highline Community College is offering a course aimed primarily at personnel already in the workplace, attracting employees from Snohomish, King, Pierce and Kitsap counties. The 5th biennial special course on spectrometric methods of identification—IR, NMR & MS—is designed for industrial scientists and teachers, with emphasis on practical solving of spectra, but all instrumentation also available. Eleven Tuesday evenings starting March 31, all for a bargain \$94.50. For information and brochure, contact Bruce Richardson, Highline Community College at 878-3710, ext. 509, voice mailbox 1509, 2400 South 240th St., P.O. Box 98000, Des Moines, WA 98198-9800.

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Executive Committee Meeting Puget Sound Section, ACS

December 11

Place: Seattle University
Engineering Building
Dinner: 5:30 PM in Cafeteria (optional)
Meeting: 6:30 PM in Room 511
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PUGET SOUND SECTION OFFICIAL BALLOT FOR 1992 OFFICERS

Please complete the ballot, remove this page, fold and seal it, and mail to Vince Santo Pietro at the address on the reverse side. **The deadline is December 9, 1991.**

Although it may seem unnecessary to vote when officers are un-challenged, it is important to show that you do or do not support the ballot. Besides, the post of Alternate Councilor is a true election. We need a certain percentage of ballots returned to validate the election. So, please show your support of the section by sending in your ballot.

Chair Elect (vote for one)

- ☐ Clarita Bhat, Shoreline Community College

Secretary (vote for one)

- ☐ Tom Schultz, Everett High School

Treasurer (vote for one)

- ☐ David Munch, Seattle Central Community College

Councilor - three year term (vote for one)

- ☐ Herb Bryce, Seattle Central Community College

Alternate Councilor - three year term (vote for one)

- ☐ Tim Hoyt, University of Puget Sound

- ☐ John Westland, Weyerhaeuser

1992 PUGET SOUND SECTION ELECTION OF OFFICERS SLATE OF CANDIDATES

CHAIR ELECT - Clarita Bhat

Clarita Bhat currently teaches chemistry at Shoreline Community College. She has spent 19 years teaching in the community college system, the last 18 at Shoreline. She has also taught at the University of Washington during the Summer Session. She was awarded a Ph.D. in carbohydrate chemistry from Georgetown University in 1968. Her research area was the synthesis of fraudulent nucleosides. She was employed for 5 years at Gulf South Research Institute, Louisiana, working on synthesis of fraudulent nucleosides and development of methods for pesticide analysis.

TREASURER - David Munch

David Munch teaches chemistry at Seattle Central Community College. He received his Ph.D. in theoretical chemistry from the University of Washington in 1974. He is currently the Treasurer for the Puget Sound section.

(continued next page)

SECRETARY – Tom Schultz

Tom Schultz teaches chemistry at Everett High School and teaches chemistry on a part-time basis at Everett Community College. He received his Ph.D. from the University of Nevada in organic chemistry in 1979.

COUNCILOR (3-year term) – Herb Bryce

Herb Bryce has been Chairman of the Science and Math Division at Seattle Central Community College for the past 25 years. He also teaches chemistry there.

ALTERNATE COUNCILOR (3-year term) – VOTE FOR ONE

Tim Hoyt

John Westland

Tim Hoyt has taught chemistry in the Puget Sound area for the last 12-13 years. He has been teaching chemistry full-time at the University of Puget Sound for the past two years. He obtained a B.A. in Education and a B.S. in Chemistry from Western Washington University, and his M.S. in organic chemistry from the University of Washington under the direction of W. Scott Chilton, studying an alkaloid found in the amanita muscaria mushroom. He has been active in presenting workshops and chemistry demonstrations in the Puget Sound area with Herb Bryce, and has taken part in the ICE workshops. He was one of the developers of the new Chemistry at Work videodisk.

John Westland has been employed by Weyerhaeuser for the past four years as a chemist in new product development. He received his B.S. from Pacific Lutheran University, and his M.S. and Ph.D. degrees from New Mexico State University, Las Cruces, in biochemistry. He did postdoctoral work at the International Center for Environmental Safety at the Albany Medical Center (N.Y.) branch at Holloman Air Force Base in New Mexico.

**VINCE SANTO PIETRO
PACIFIC SCIENCE CENTER
200 SECOND AVENUE NORTH
SEATTLE WA 98109**

MEMBERSHIP SURVEY

In an effort to assess how the Puget Sound section of the ACS is serving your professional needs, we ask you to consider the following questions. Please feel free to add any comments on these topics or others you feel are important.

1. The section attempts to hold monthly meetings, from September through May, to discuss topics of interest to the membership. Do you have suggestions for speakers or activities? Would you be interested in speaking at a meeting or conducting a tour of your facility?

2. The Puget Sound Section covers a broad geographic area. To serve members in different locations an attempt is made to hold meetings not only in Seattle and vicinity, but also in Tacoma and Bellingham. Please comment on the choice of locations for meetings. Would a regular array of locations be more suitable than our current random method of selection? (For example, a permanent Seattle location, permanent south location, etc.)

3. The section has a need for more active participation by the membership on a number of committees. Please indicate on which committee(s) you would be willing to serve.

- | | |
|---|---|
| <input type="checkbox"/> Archives | <input type="checkbox"/> National Chemistry Week |
| <input type="checkbox"/> Directory | <input type="checkbox"/> Networking |
| <input type="checkbox"/> Education | <input type="checkbox"/> Nominations |
| <input type="checkbox"/> Employment | <input type="checkbox"/> Pauling Symposium |
| <input type="checkbox"/> High School Teacher Award | <input type="checkbox"/> Puget Sound Chemist |
| <input type="checkbox"/> International Chemistry Olympiad | <input type="checkbox"/> Regional Activities (NORM) |
| <input type="checkbox"/> Laboratory Relations | <input type="checkbox"/> Speakers Bureau |
| <input type="checkbox"/> Legislation | <input type="checkbox"/> Student Affiliate Activities |
| <input type="checkbox"/> Long Range Planning | <input type="checkbox"/> Chemical Health and Safety |
| <input type="checkbox"/> Membership | |

Additional comments may be continued on the back of this page.

Name: _____

Address: _____

Please remove this page, fold and seal it, and mail to the address on the reverse side. **Thank You** for your participation.

Additional comments:

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Want to Talk to the Puget Sound Section?

Chuck Mainard, one of our Alternate Councilors, has volunteered one of his lines at All World Scientific for messages to the Puget Sound Section. Calls may be left at this number for members of the Executive Committee as well as other committees. The Section will try this arrangement for the next few months. The number at All World Scientific & Chemical for Section messages will be **206-672-4228**.

NORMAN J. ROSE SELECTED CASE WASHINGTON PROFESSOR OF THE YEAR

Professor Norman Rose of the University of Washington has been named 1991 Washington Professor of the Year by the Council for Advancement and Support of Education. The award certificate was presented to Dr. Rose at the October 25th meeting of the UW Board of Regents. He has been on the faculty of the University since 1966 and presently serves as Chair of the Faculty Senate. He received the University of Washington Distinguished Teaching Award in 1988.

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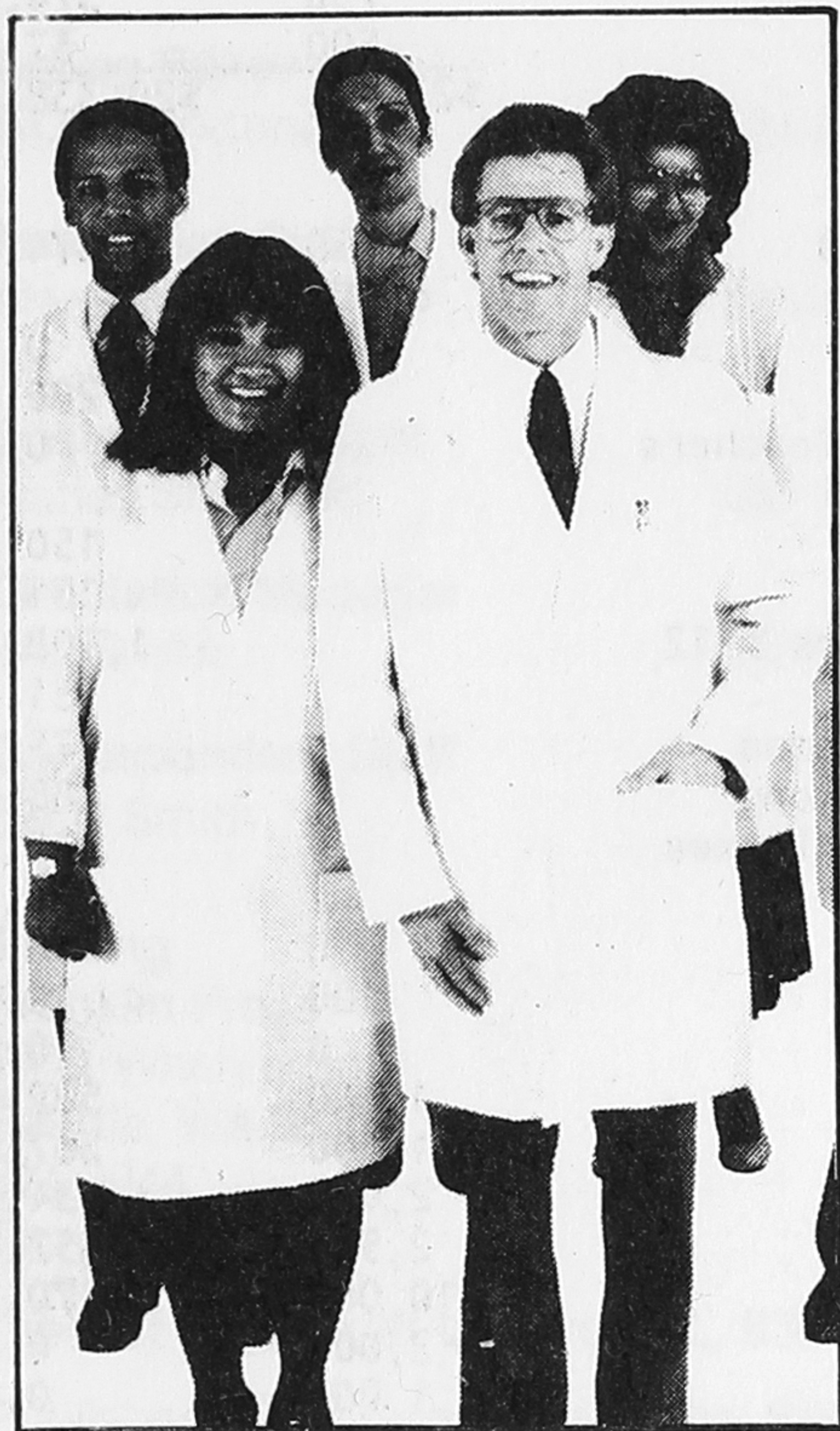
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Treasurer's Report
 PUGET SOUND SECTION
 AMERICAN CHEMICAL SOCIETY
 13-Nov-91

	Feb. 13, 1991 BUDGET	1991 Year-to-Date
INCOME		
Annual ACS Allotment	\$7,714	\$7,714.00
New Member Commissions	7	15.00
Local Section Dues	4,200	4,066.50
Publications (advertising)	5,000	2,967.92
Directory (advertising)	500	0.00
Meals (total revenue)	2,500	3,015.50
Receipts (Chem Demo Wkshop, ACS pins, etc.)	200	700.00
Interest, Dividends	1,600	1,447.24
Donations, Contributions	1,000	0.00
Rebate from ACS for councilor travel expenses	750	374.50
Other (Ed Com refund unspent grant)	500	37.40
TOTAL:	\$23,971	\$20,338.06
EXPENSES		
Administration (included \$400 for ballot mailing)	\$750	\$74.00
Education Committee	6,000	
Donations: Pacific Science Center		0.00
Expanding Your Horizons		200.00
W Jr Sci-Hum Symp & W Sci Teachers		0.00
Precollege Program		
Chem Olympiad		150.00
Chemistry for Kids		151.67
Chem Workshops for students/teachers K-12		1,108.75
Recognition awards for HS students		31.90
Grants to HS groups for K-9 chem demos		275.00
Matching grants to HS for publications		288.00
Scholarships K-12 teachers / chem classes		28.00
HS Chem teachers group		52.15
Legislative Committee	0	0.00
Professional Relations and Status Committee	100	10.00
Public Relations Committee	0	0.00
Safety Committee	1,000	582.54
Local Meetings (includes speakers' expenses)	1,500	567.31
Pauling Medal Symposium	2,000	34.25
Meals (total expenses)	2,500	2,552.45
Publications (printing, mailing, etc.)	10,000	8,270.24
Directory	2,000	0.00
National Chemistry Week 1991	1,000	0.00
Awards		138.48
Other(50yr member dinners)		
Pauling Award (1990 & 1991)	1,500	0.00
High School Teacher Award	200	0.00
Student Affiliate Award	200	0.00
Travel Subsidies for Councilors	2,250	2,394.70
Travel Subsidy and Fee for LSO Conference	500	509.00
Other	1,000	0.00
TOTAL:	\$32,500	\$17,418.44
NET GAIN (LOSS)	(\$8,529)	\$2,919.62
ASSETS AND CAPITAL		
Washington State Employees Credit Union Checking account	\$9,989.35	
Account number 156176-0		
Share account	114.14	
1 year WStECU CD No.58648 @ 6.55% due 06/26/92	2,000.00	
1 year WStECU CD No.63259 @ 7.00% due 11/19/91	7,500.00	
1 year WStECU CD No.64971 @ 7.00% due 03/19/92	7,500.00	
Pauling Award Metals	1,084.00	
2 @ \$542		
A/V Equipment for Safety Talk (@ 80% of cost 10/90)	680.00	
BALANCE	\$28,867.49	

PUGET SOUND CHEMIST



BULLETIN OF THE PUGET SOUND SECTION AMERICAN CHEMICAL SOCIETY

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Published eight times during the September-June portion of the year by the Puget Sound Section of the American Chemical Society. Direct all copy to the Editor and advertising correspondence to the Business Manager. The Secretary of the Section handles other business. All copy shall be **typed** and **double-spaced**!!

☐ **Mentors wanted for chemistry olympiad**—Secondary school chemistry teachers are invited to apply for positions as mentors for the U.S. National Chemistry Olympiad program sponsored by the American Chemical Society. Duties during the three-year term include helping to plan and conduct the national study camp for high school students held at the Air Force Academy in mid-June 1992, 1993, and 1994. Generally, in their second and third year, mentors accompany four U.S. student competitors to the International Chemistry Olympiad. During the competition, the mentors will serve as members of the International Chemistry Olympiad jury. The 1992 international olympiad will be held in Pittsburgh and Washington, D.C., July 11-22. . . . Successful applicants are expected to have classroom experience, a broad background in both theoretical and descriptive chemistry, and previous involvement with students in special projects or activities. Applicants must be prepared to make a three-year time commitment. All expenses and travel costs, as well as an honorarium, are paid by ACS. Interested individuals should apply by requesting an application from Denise L. Creech, U.S. National Chemistry Olympiad Program, American Chemical Society, 1155-16th St. N.W., Washington, D.C. 20036. The deadline for completed applications is Jan. 3, 1992. Applicants must also arrange to have three letters of reference forwarded to the above address. For more information, phone (202) 872-6169. (Sept. 30, 1991 C&EN)

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