

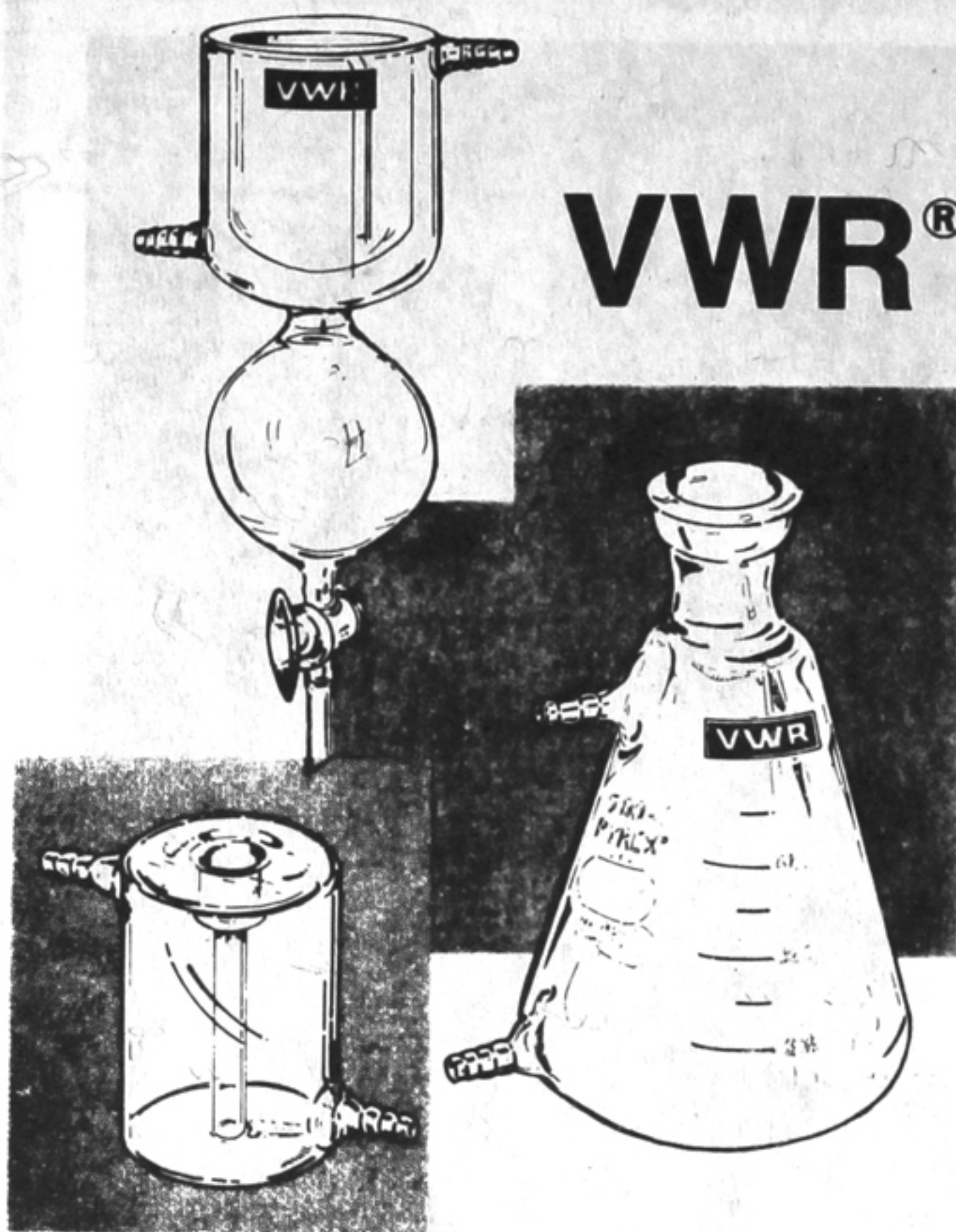
PUGET SOUND CHEMIST

BULLETIN OF THE PUGET SOUND SECTION OF THE AMERICAN CHEMICAL SOCIETY

Volume 55, Number 7



December 1994



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On the cover: Dr. Tom Schultz, the 1994 Puget Sound Section Outstanding High School Teacher Award winner.

TOM SCHULTZ RECEIVES 1994 PUGET SOUND SECTION OUTSTANDING HIGH SCHOOL TEACHER AWARD

Dr. Tom Schultz is an instructor of chemistry at Everett High School and Everett Community College. He received a B.S. in chemistry in 1969 and a Masters in chemistry in 1970 from Eastern Washington University and a Ph.D. in chemistry from the University of Nevada in 1979. He has been a visiting professor twice at the University of Nevada where his scientific contributions have been in the area of synthesis of novel aromatic compounds, competitive electrolytic additions, reductive mechanism of lithium diisopropyl amide and flash flow pyrolysis. He was a past secretary of the Puget Sound Section of the American Chemical Society, and moonlights as an expert witness regarding law and chemistry. In 1992 Dr. Schulz received the prestigious Superintendent scholar Award for Excellence in Teaching.

At home, Dr. Schultz is an active father and spent eight years coaching his two sons' football, basketball, and baseball teams.

CONGRATULATIONS ON A SUPERB JOB!

The 1994 Pauling Award ceremony and the associated symposium at Western Washington University in Bellingham on November 5 was one of the highlights of the year for our section. The symposium attracted well over 200 people and about 150 people attended the award ceremony and dinner.

The symposium attendees were informed and entertained by the award recipient, Professor James Ibers, and a panel of speakers who were all associated at one time or other with Professor Ibers: Professors Harry Gray of California Institute of Technology, Ken Raymond of the University of California, Berkeley, and D. M. P. Mingos of the Imperial College of Science, Technology and Medicine (London). They brought inorganic complexes to life!

The dinner and award ceremony was emceed by Karen Morse, president of Western Washington University. She also happens to be a chemist. During the ceremony, Professor Verner Shomaker gave a brief and interesting talk about the establishment of the Pauling Award.

We want to extend our appreciation and congratulate the organizers of the program, Professor Mark Bussell of Western Washington University and Professor Michael Heinekey of University of Washington, for such an outstanding job. Our special thanks to Western Washington University and Dr. Karen Morse for their wonderful hospitality. Perhaps we can call upon them again in the future!

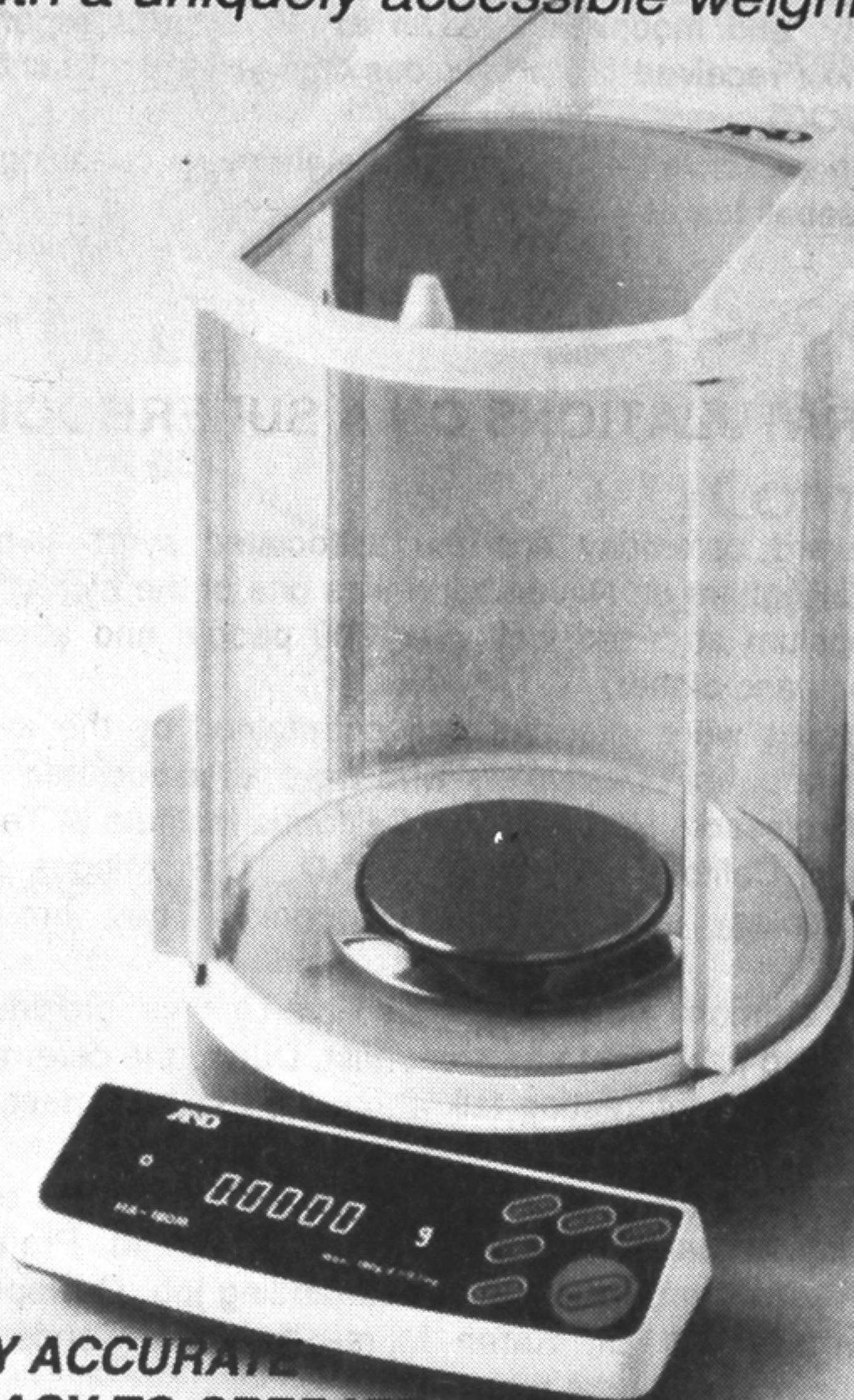
NOBEL PRIZE IN CHEMISTRY

The 1994 Nobel Prize in Chemistry has been awarded to George Olah for his pioneering research on carbocations and their role in the chemical reactions of hydrocarbons. Olah, 67, emigrated from Hungary in 1957 and became a naturalized U.S. citizen. He worked at Dow Chemical and Case Western Reserve University before moving to University of Southern California where he is chemistry professor and director of the Loker Hydrocarbon Research Institute.

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NOBEL PRIZE FOR PHYSIOLOGY OR MEDICINE

Alfred G. Gilman, professor and chairman of the department of pharmacology at the University of Texas Southwestern Medical Center, Dallas, Texas, and Martin Rodbell, scientist emeritus at the National Institute of Environmental Health Sciences, Research Triangle Park, N.C., share the 1994 Nobel Prize for Physiology or Medicine. They were recognized for their work leading to the discovery of G-proteins - so called because they bind guanosine 5'-diphosphate (GDP) or guanosine 5'-triphosphate (GTP). These are cell-surface proteins that receive chemical signals from the exterior of the cell and pass the message along intracellularly so the cell can respond to the external stimuli.

1995 DUES BILL REMINDER

If you have not received your 1995 dues bill, please contact the ACS Department of Member and Subscriber Services at 800-333-9511. If you have questions concerning your membership benefits and programs, please call Jean Parr, Manager, Office of Membership Development at 202-872-4414.

Additional Reminder. In accordance with an ACS policy on a grace period for unrenewed ACS journals and C&EN, ACS cannot continue to send C&EN and journals after February 28 to those members whose 1995 dues and subscription payments are not received by February 1. If you have questions about your dues bill or wish to charge your payment by phone, call 800-333-9511 or 614-447-3600. Be sure to have your credit card handy for ready reference.

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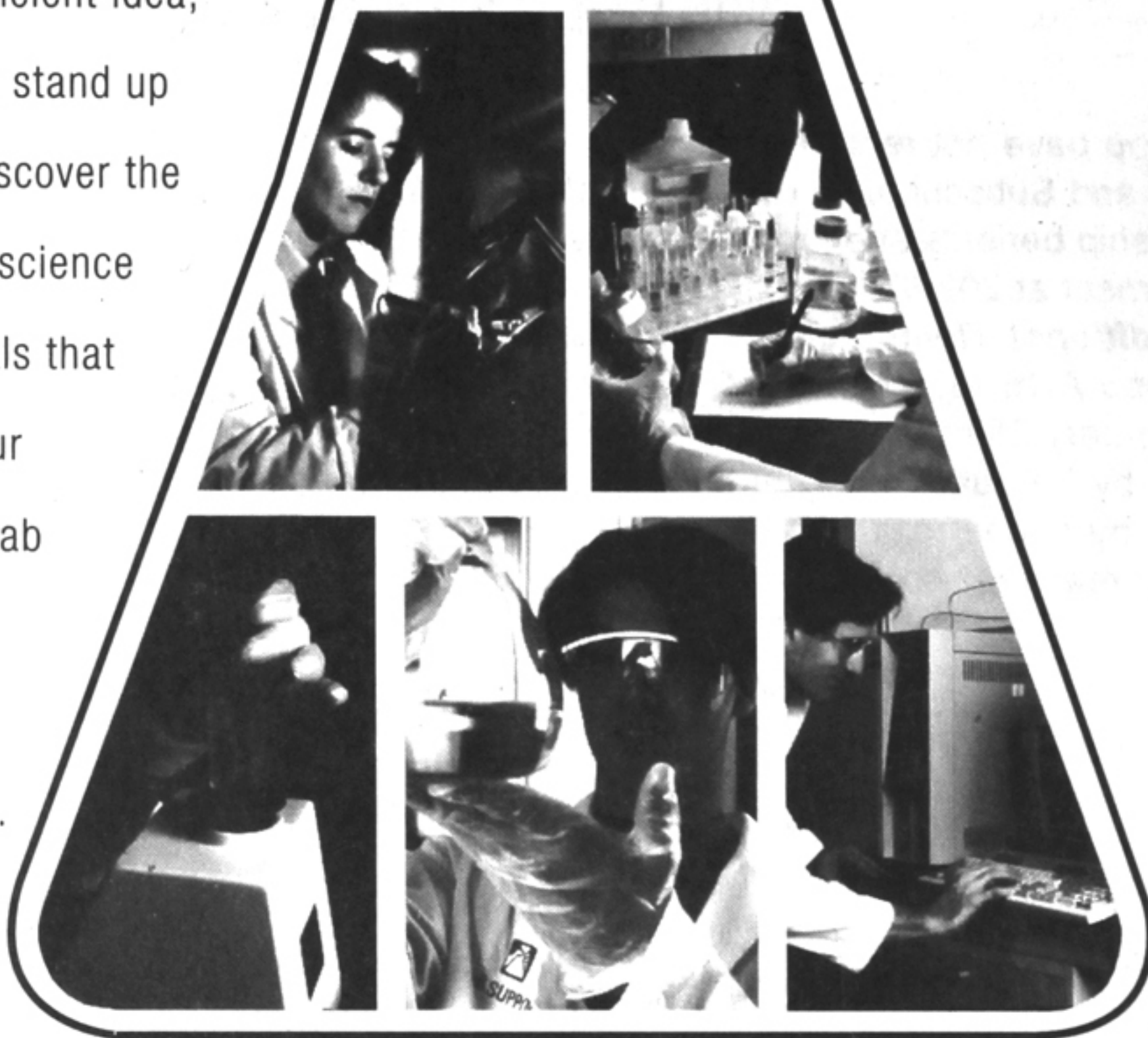
REQUEST FOR BUDGET PROPOSALS FOR 1995

The various committee chairs are urged to submit their budget requests to the treasurer, Dr. David Munch, as soon as possible so that he can present them to the Executive Committee during its January meeting.

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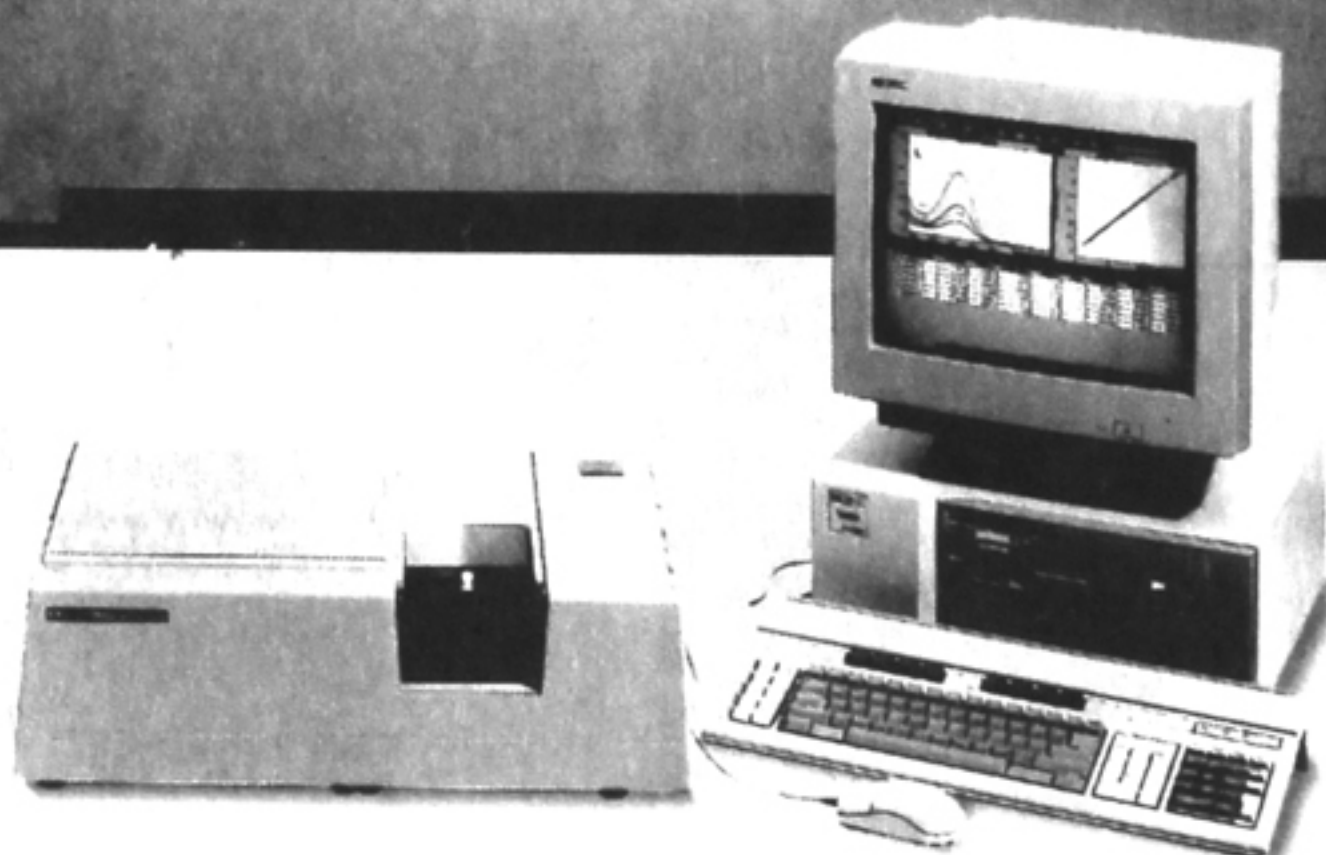
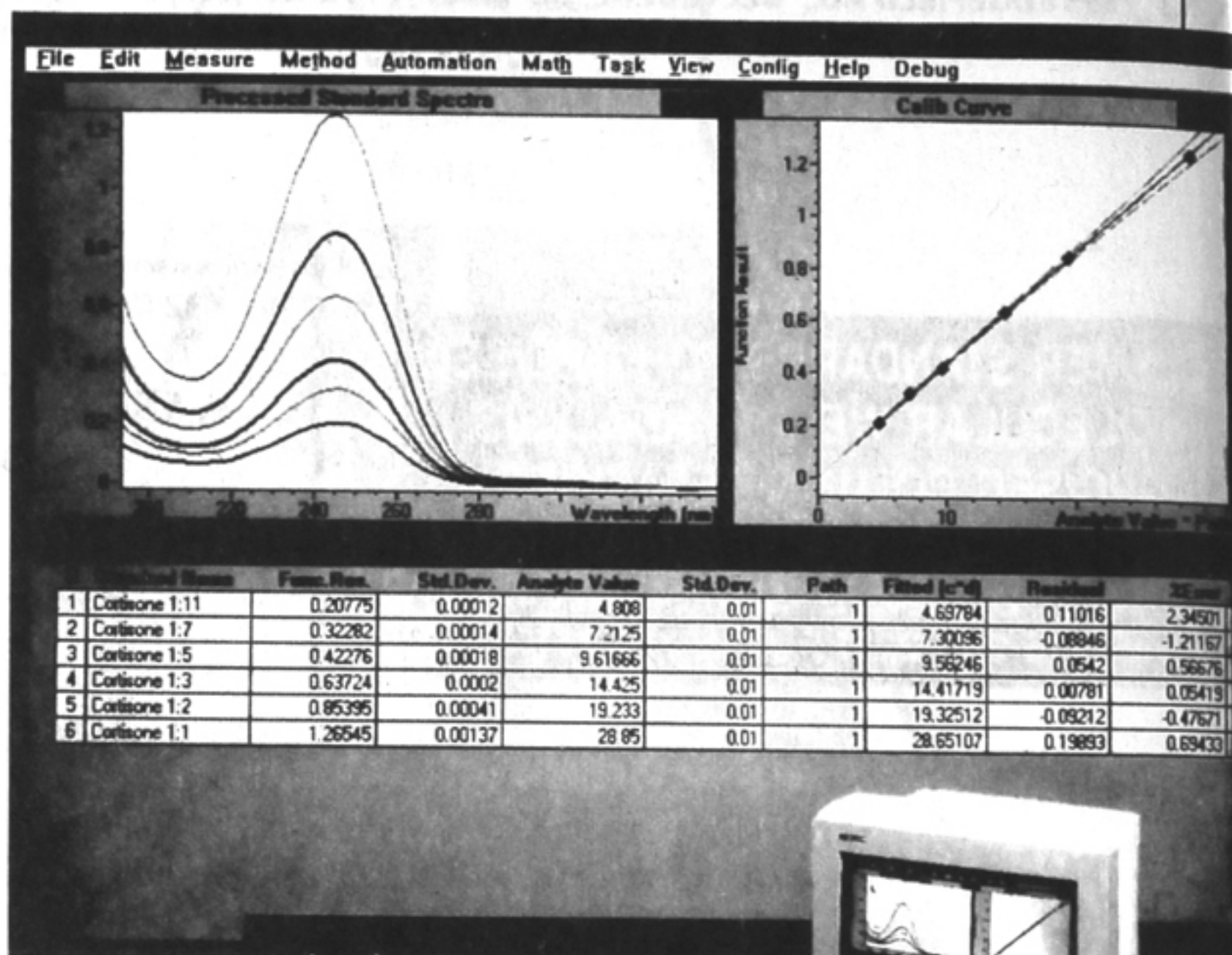
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ACS DIVISION OF CHEMICAL TECHNICIANS WINS AN AWARD AND BECOMES A DIVISION

The American Chemical Society Division of Chemical Technicians (TECH) reached two Milestones at the August ACS National Meeting in Washington DC. The first was receiving the ACS Council Committee on Division Activities "Award for Outstanding Performance in the Small Division Category" in 1993 (while on probationary status). The award was presented to representatives from the Division at the August 20 "Divisional Officers Group Dinner and Awards Presentations" event. Upon researching the award, Staff Liaison to the ACS Council Committee on Divisional Activities, Michelle Gandy, reported that the Division of Chemical Technicians is the first Division, of any size, to win the award while on probationary status, since the award's inception in 1982.

The second Milestone was being **promoted to full Divisional status** at the August 24 ACS Council Meeting. During his report, ACS Council Committee on Divisional Activities Chair, Robert Pett, presented the Divisions activities and achievements, including winning the above award, and asked for a vote on granting TECH full Divisional status. The vote was an enthusiastic affirmative, making TECH the 33rd Division of the American Chemical Society. At an informal Division social on August 24, Robert Pett read a letter from ACS Deputy Executive Director and Secretary D. H. Michael Bowen, expressing the congratulations and best wishes of the officers and staff of the Society, to Division officers and membership, on their activities and achieving full divisional status. Many people have worked long and hard as a team to make this a reality, including those in the Division, the ACS, academe, industry, and many other areas. The significance and benefits of this effort will affect all concerned, including current and future technicians, who now have an official professional organization to belong to, and network with.

For information on the Division of Chemical Technicians, contact Chair Debra McCombs at 302-886-3028. For information on presenting at Division programs, contact Program Chair Monica Carrier at 304-747-4356

PASSER FUND SEEKS PROPOSALS FROM TEACHERS

The ACS Division of Chemical Education is soliciting proposals for awards from its Dorothy and Moses Passer Education Fund, which provides faculty-development grants for teachers of chemistry or chemical technology at two- and four-year institutions without graduate programs in the chemical sciences.

Established in 1993 by Dorothy and Moses Passer with a cash grant of \$50,000 and a bequest anticipated to bring the fund's total to a minimum of \$250,000, the Passer Fund is intended to support teacher's participation in continuing-education courses or projects directly related to their teaching. The vision of the Passers is that the fund should provide support to teachers who are somewhat isolated from others in the discipline, such as those who are the only teachers of chemistry in their institution.

The Passer Fund is not of sufficient size to support sabbatical leaves. It is also expected that requesters will also provide some of the support needed for their proposals through personal or other resources.

Proposals for awards from the Passer Fund should be sent to the immediate past chair of the division (for 1994, Donald Jones, Department of Chemistry, Western Maryland College, Westminster, MD 21157; for 1995, Adrienne Kozlowski, Chemistry Department, Central Connecticut State University, New Britain, CT 06050). Proposals may be submitted at any time, but please allow at least six months for consideration between proposal submission and the event or project to be funded. Proposals must include a short description of the intended use for the award, a CV of the requester, and a brief description of the requester's institution.

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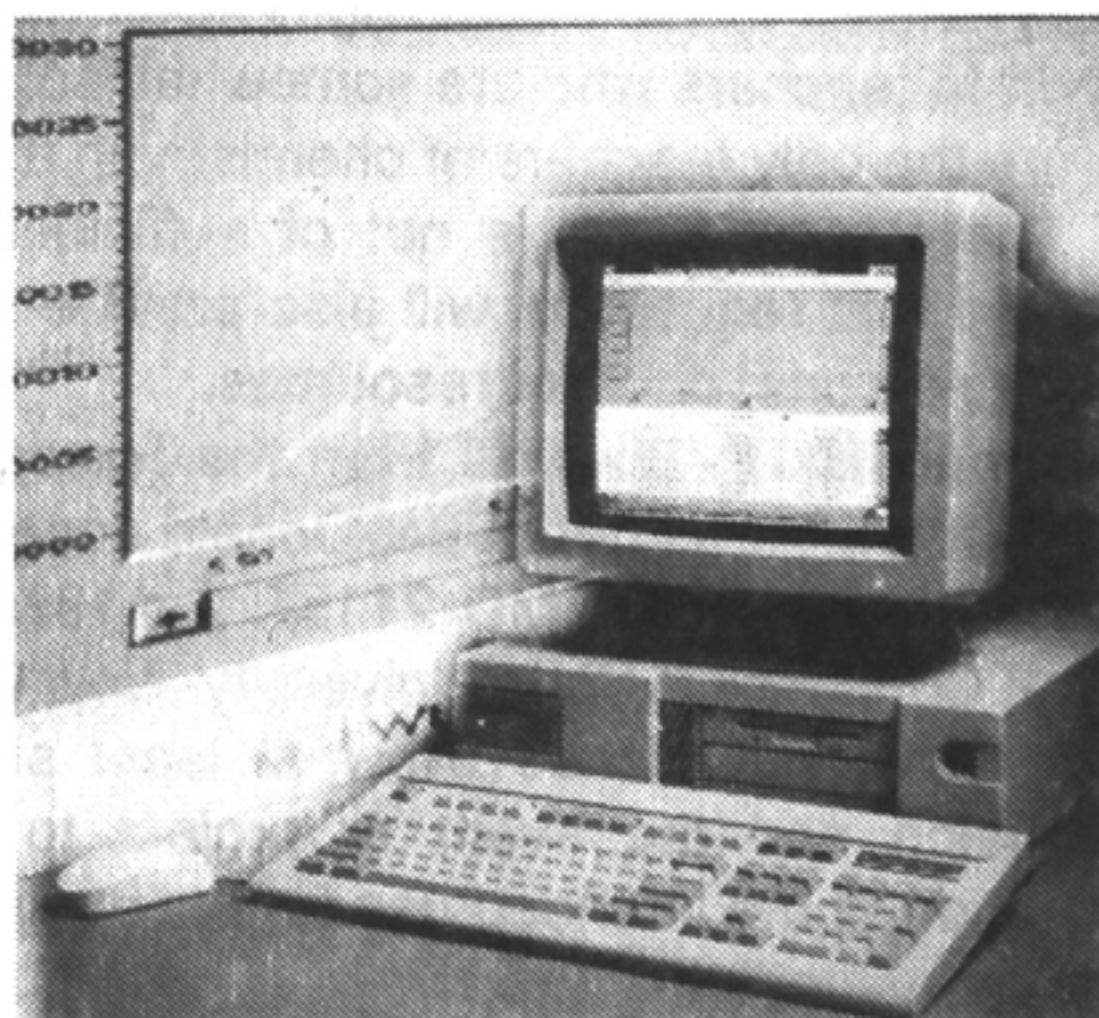
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PUGET SOUND SECTION OFFICIAL BALLOT FOR 1995 OFFICERS

Please complete the ballot, remove this page, fold and seal it, and mail to Ms. Diane Davis, Secretary, ACS Puget Sound Section, P. O. Box 24032, Seattle, WA 98124-0032. **The deadline for completed ballots is January 10, 1995.**

Although it may seem unnecessary to vote when candidates for the offices are unchallenged, it is important to show that you support the ballot. Besides, we need certain percentage of ballots returned to validate the election. Please show your support of the section by sending in your completed ballot today.

Chair Elect (vote for one)

☐ Arden Forrey, Ph. D., Department of Restorative Dentistry, UW

Secretary (vote for one)

☐ Ms. Diane Davis, Metro Environmental Lab

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

Arden Forrey, candidate for Chair Elect of the Puget Sound Section, obtained his AB in Chemistry at University of Washington. After serving two years in the US Navy, he returned to UW to pursue graduate studies and obtained his Ph. D. in Biochemistry under Edmond Fischer. Then followed two years of Fellowship at the University of Birmingham in England before returning to the Department of Biochemistry at UW and Director, Core Laboratory at Harborview Clinical Research Center. In 1976 he was at the Puget Sound Blood Center in the department of Medicine. He then joined the Veterans Administration Hospital automation program where he spent two years and, subsequently, another two years at the Navy Medical Research and Development Command while at the Department

of Pediatrics, Georgetown University. He then returned to the Department of Surgery at Harborview and helped develop the Trauma Registry that is now being used by the State Emergency Medical Service Program. In recent years, he has been active in the national efforts to create standards for Computerized Patient Record Systems. Last three years he has been with the Department of Restorative Dentistry of the Dental School at UW where he has been working on the specialized variant of the Computer Based Oral Health Record

He is active in the American Association for Clinical Chemistry and is a fellow of the National Academy of Clinical Biochemistry. He is a member of the Biochemical Society (UK) and the American Association for the Advancement of Science.

Arden Forrey has been Chair of the Employment Committee of Puget Sound Section. He has been looking closely at the ways that information about the chemical occupations and specialties, and data about positions and applicants can be made much more useful to section members. With network access to databases, it may be possible to develop new approaches that will help chemists in their career planning. Those interested in planning such programs may call him at 206-616-1875 or e-mail forraw@u.washington.edu.

Diane Davis, candidate for Secretary, is an analytical chemist at the Metro Environmental Laboratory in Seattle. She has been our secretary since 1993.

David Munch, candidate for the position of Treasurer, has been our treasurer for a number of years. He earned his Ph. D. in theoretical chemistry from the University of Washington and has been teaching at Seattle Central Community College.

Herb Bryce, candidate for the position of Councilor, has been an active member of our section holding various positions and has been a councilor for a number of years. He is chairman of Science and Math Division at Seattle Central Community College where he also teaches chemistry.

Tim Hoyt, candidate for the position of Alternate Councilor, has been teaching chemistry in the Puget Sound area for several years. Recently, he has been teaching chemistry full-time at University of Puget Sound.

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Treasurer's Report
 PUGET SOUND SECTION
 AMERICAN CHEMICAL SOCIETY
 09-Nov-94

	1994 BUDGET	1994 Year-to-Date
INCOME		
Annual ACS Allotment	\$9,021	\$9,021.00
New Member Commissions	15	50.00
Local Section Dues	4,300	4,317.00
Publications (advertising)	4,200	0.00
Directory (advertising)	500	0.00
Meals (total revenue)	2,000	1,223.50
Receipts (Chem Demo Wkshop, ACS pins, Safety Tapes, etc)	200	545.00
Interest, Dividends	1,000	811.49
Donations, Contributions (for minting PA medals)	1,500	0.00
Rebate from ACS for councilor travel expenses	1,000	208.50
Reimbursement for Pauling Award expenses	500.00	280.00
Other	0	0.00
TOTAL:	\$24,236	\$16,456.49
EXPENSES		
Administration	\$100	\$20.88
Education Committee	2,000	1217.94
(National Chemistry Week		0.00
(Donations: Wash College Chem Teachers Assn		0.00
(Expanding Your Horizons		200.00
(W Jr Sci-Hum Symp & W Sci Teachers		0.00
(Precollege Program		
(Chem Olympiad		44.00
(Chemistry for Kids		673.53
(Chem Workshops for students/teachers K-12		202.43
(Recognition awards for HS students		0.00
(Grants to HS groups for K-9 chem demos		0.00
(Matching grants to HS for publications		89.00
(Scholarships K-12 teachers / chem classes		0.00
(HS Chem teachers group		8.98
Public Affairs Committee	0	0.00
Professional Relations and Status Committee	100	0.00
Public Relations Committee	0	0.00
Safety Committee	100	0.00
Local Meetings (includes speakers' expenses)	1,500	375.00
Pauling Medal Symposium	2,500	0.00
Pauling Medal - minting	1,500	0.00
Meals (total expenses)	2,000	1,225.61
Publications (printing, mailing, etc.)	8,400	6,039.94
Directory	2,000	0.00
Awards Other (50yr member dinners)	50	0.00
Pauling Award (1993 - 1994)	1,500	239.99
High School Teacher Award	200	0.00
Student Affiliate Award	200	275.00
Travel Subsidies for Councilors	2,500	2,266.50
Travel Subsidy and Fee for LSO Conference	500	333.77
Other	500	0.00
TOTAL:	\$25,650	\$11,994.63
NET GAIN (LOSS)	(\$1,414)	\$4,461.86
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Pauling Award Medals 1 @ \$542	542.00	
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BALANCE	\$29,440.15	

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PUGET SOUND SECTION
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Puget Sound Section, ACS Executive Committee Future Meetings in 1994

Meetings are open to all members and are held on the second Wednesday each month.

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