



PUGET SOUND CHEMIST

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On the cover: Dr. Dean F. Martin, Professor of Chemistry and Director of the Institute for Environmental Studies at the University of South Florida, will be the featured speaker at the September 1993 meeting of the Puget Sound Section of the American Chemical Society (see related articles in this issue).

NEXT MEETING

Our next meeting will be on September 28, 1993. The location and schedule will be announced in the next issue of *Puget Sound Chemist*.

DR. DEAN F. MARTIN WILL BE THE FEATURED SPEAKER AT THE SEPTEMBER MEETING OF PUGET SOUND SECTION

Dr. Dean F. Martin is Professor of Chemistry and Director of the Institute for Environmental Studies at the University of South Florida, where he has been a member of the faculty since 1964. Previously, he was a member of the faculty of the University of Illinois as Instructor and Assistant Professor of Inorganic Chemistry (1959-1964). He and his wife, Barbara B. Martin, share research interests concerned with the coordination chemistry of natural water systems, including problems of red tide and aquatic weeds. The Martins have been Editors of the *Florida Scientist* (1984-), and Deputy Editors of the *Florida Journal of Public Health* (1990-). Dean Martin is the author or co-author of about 250 publications, including four books. He received his B.A. degree from Grinnell College in 1955 and his Ph.D. from Pennsylvania State University in 1958. In 1958-59, he was a National Science Foundation Post-Doctoral Fellow at University College, London. He received (1969-1974) a career development award from the Division of General Medical Sciences, NIH, to study the chemistry and chemical environment of algal toxins. In 1970-71, he was a Visiting Professor of Physiology and Pharmacology at Duke University Medical Center. He was the recipient of the 1975 Florida Award and the 1987 Civic Service Award of the Florida Section; in 1978, he received the F.J. Zimmermann Award in Environmental Science from the Central Wisconsin Section, sponsored by Zimpro, Inc.; and in 1983, he was elected Fellow of the American Association for the Advancement of Science. He has been active in the Florida Section of the American Chemical Society (Chairman, 1986), and he has held several positions in the Aquatic Plant Management Society (President, 1986-87).

ABSTRACT WHY DON'T WE LIVE LONGER?

The observed life span in the United States — 74 ± 5 years — corresponds remarkably closely to that mentioned in the Book of Psalms of the Old Testament (three score and ten), and is significantly different from the estimated potential of about 120 years [cf. D.F. Martin, *CHEMTECH*, 20, 646 (1990)]. This presentation examines the role of land factors in heart death rates and cancer death rates; both death rates are highly variable throughout the United States, and the concept that inter-regional migration of persons and transshipment of food would preclude geographical variations in heart death rates or cancer death rates seems outworn. Longevity would be increased through favorable life style (e.g., not smoking, avoiding heavy alcohol consumption, etc.), as well as by following nutrition standards set by the U.S. National Academy of Sciences, including properly balanced available supplements. Attention will be focused on one example, human health effects of wide-spread deficiencies in soil selenium.

CHANGE OF ADDRESS

Please note that the local section does not prepare its own labels, but gets them from the Local Section Activities division of the National Office of the American Chemical Society in Washington, D.C. Therefore, any changes of address should be sent to the ACS National Office at 1155 - 16th Street N.W., Washington, D.C. 20036, so they can correct the labels for all their mailings.

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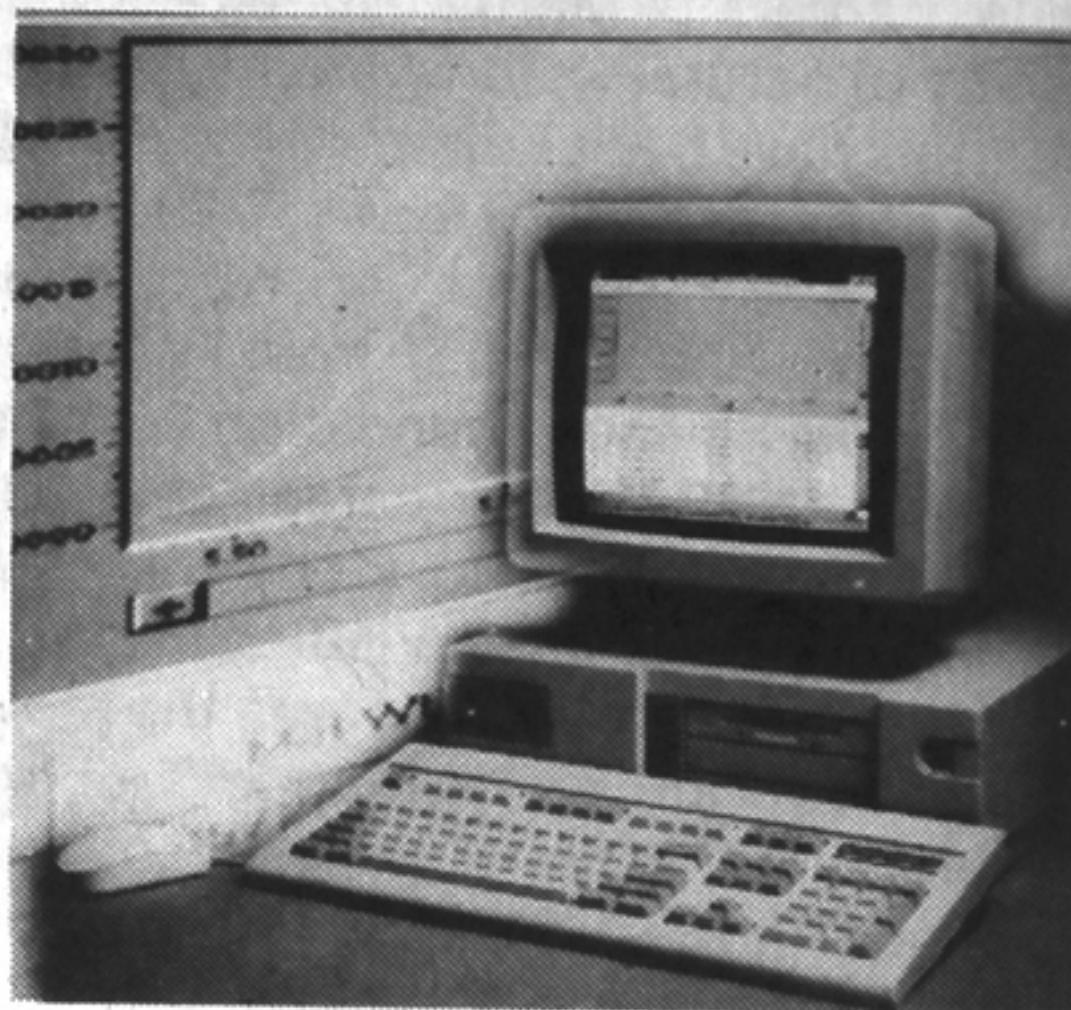
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SECOND INTERNATIONAL CONFERENCE ON CHEMISTRY IN INDUSTRY

The Saudi Arabian International Chemical Sciences Chapter, a division of the American Chemical Society, (SAICSC-ACS) has announced the Second International Conference on Chemistry in Industry. The conference to be held at the Bahrain Exhibition Center on October 24-26, 1994, will include a Technical Program and Exhibition. Those interested in attending the conference, presenting a paper, or companies interested in exhibits can fill in the accompanying form and request more information from SAICSC-ACS before November 14, 1993.

Information Request

Please complete the following information and return no later than Nov. 15, 1993

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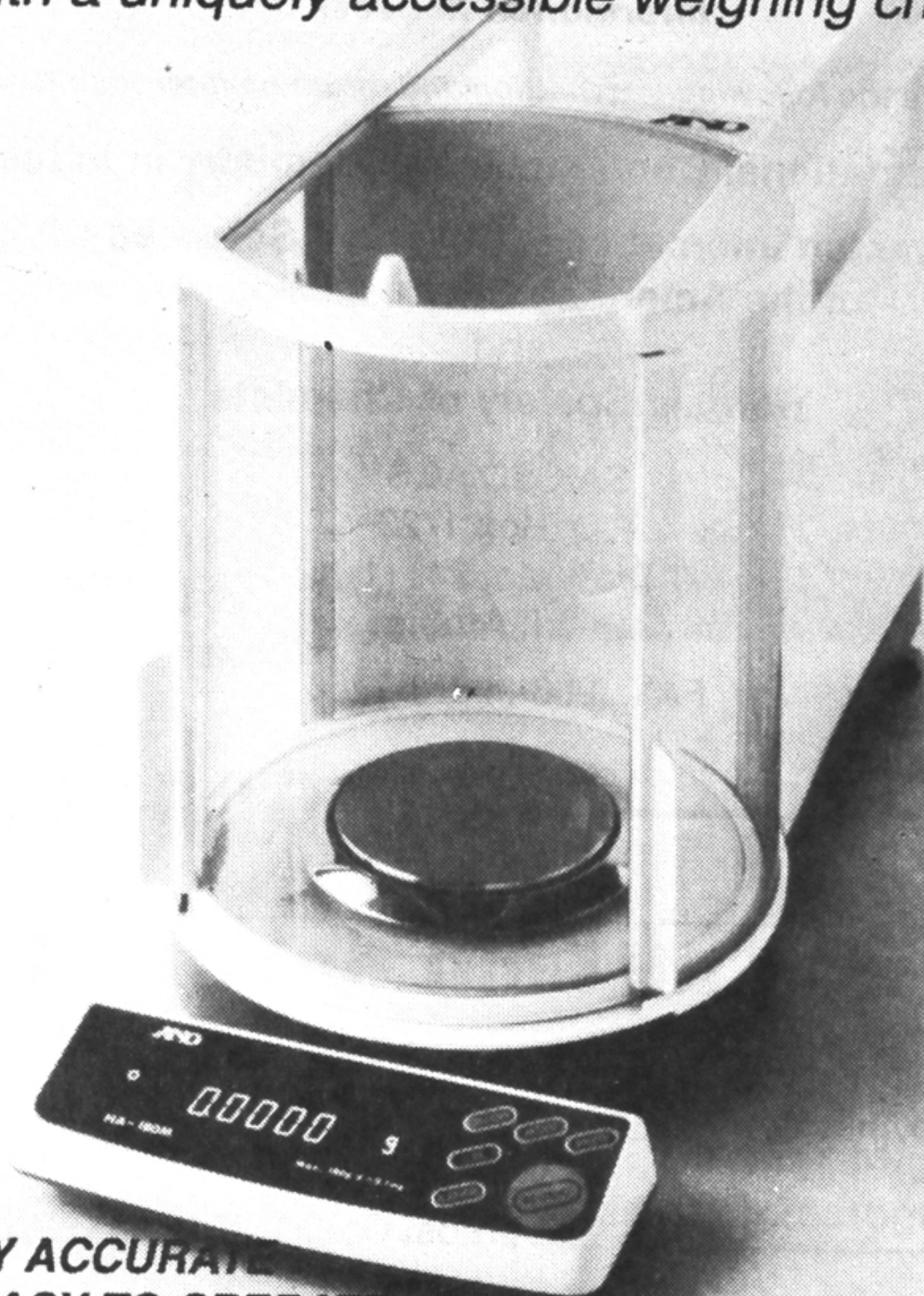
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- **For more information and to obtain registration materials contact:**

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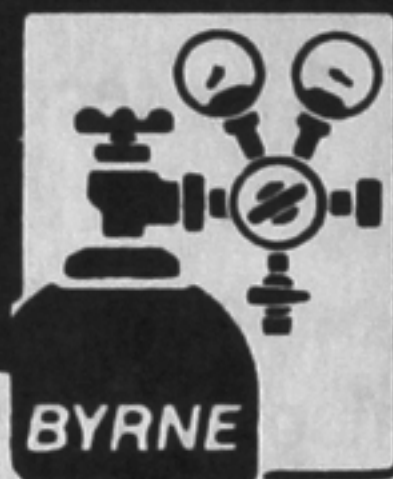
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COUNCILOR'S REPORT

AMERICAN CHEMICAL SOCIETY SPRING MEETING Denver, Colorado, March 27th through April 2nd, 1993

By Herb Bryce, Councilor

As an associate member of the Committee On Local Section Activities, I became aware of the commitment involved in terms of time during our meeting in Denver. The conference began at 8:00 am on Saturday morning. In addition to meeting all day Saturday and Sunday, we met Monday morning and evening, then all day Tuesday with an award program the same evening. In spite of the time involved, I requested to be a full edged member because I felt that it is important that our section be represented on the committee. Exposure to reports from many other local sections got me excited to get our section more active. There are a lot of activities going on that we could emulate and adapt to our programs. This experience made me realize why Ed Gruger was always pushing us to work toward an award from the Committee On Local Section Activities! I am planning on getting together with our chair and new chair-elect to share some of these ideas.

At 8:00 am Wednesday morning the Trumpeter sounded the opening of the council meeting. Less business transpired at this council meeting than any other that I attended. Chairs of all standing committees gave their reports. The Society now has 45,579 members. There were 10,940 members in attendance at the Spring meeting and 4,400 papers were presented. One problem that was discussed at our meeting was that 40% of the members leave ACS within five years or less! The Committee on Membership Affairs has been put in charge of studying this problem and coming up with recommendations. A resolution that the local sections receive \$5.00 for each new member and \$2.50 for each reinstated member was approved.

Bylaw III, Sec. 3(d)(1)(E) was amended to replace the Committee on Professional Relations by the Committee on Economic and Professional Affairs with the membership set at 24. Bylaw III, Sec. 3(e)(1) was changed to add two new subsections—(E), to form a Committee on Minorities, Women and Younger Chemists, and (F), to form a Committee on Bachelor Level Chemists. Also passed was the proposal to establish a Joint Board-Council Committee on Chemical Abstracts.

CALL FOR NOMINATIONS FOR 1994 SECTION OFFICERS

Suggestions for nominations for 1994 officers of the Puget Sound Section of the American Chemical Society should be made to Dr. Despina Strong, Chair, Nominating Committee, at Metro, 206-684-2322. We need more members taking part in the activities of the Section. Please call.



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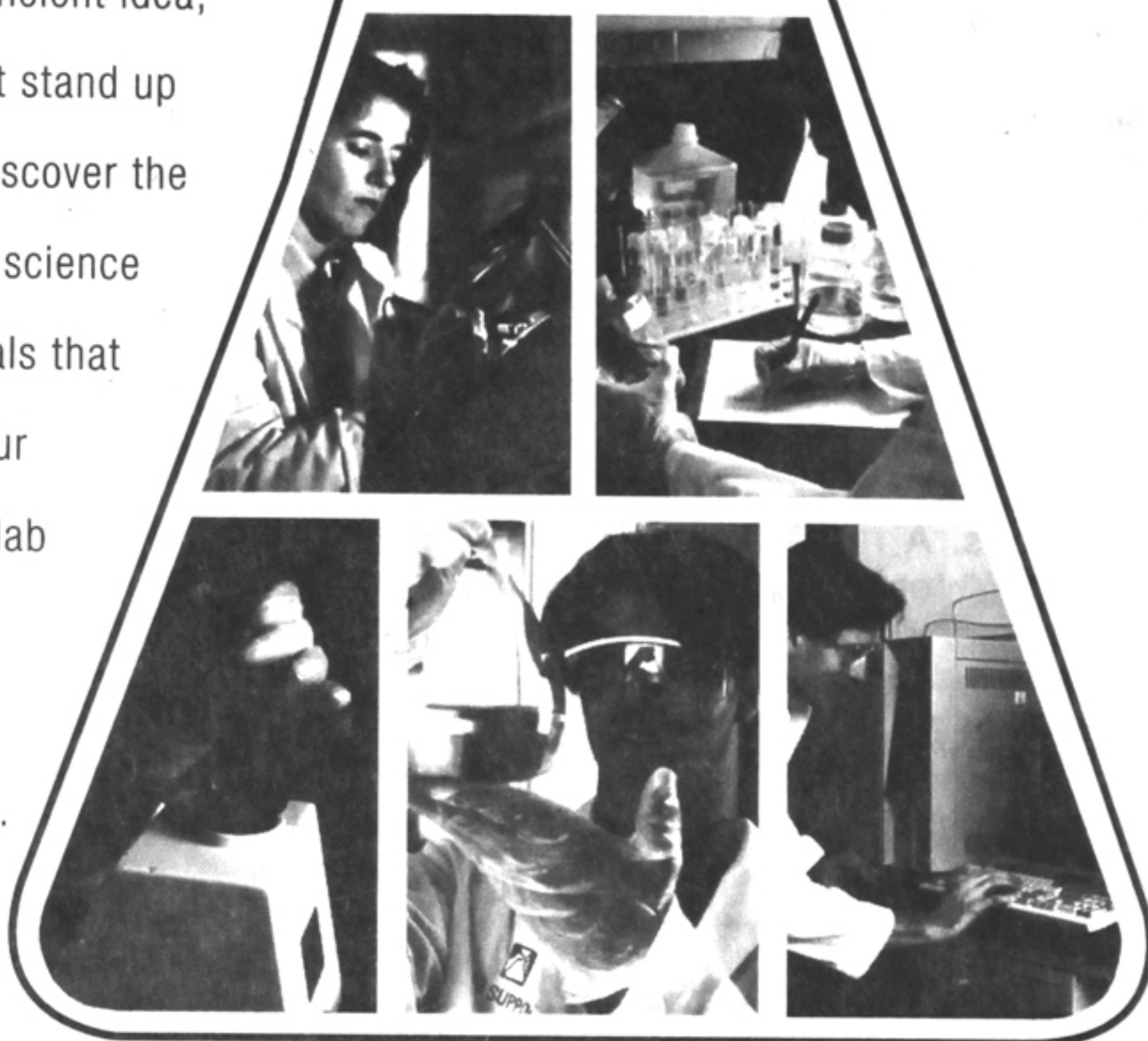
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Puget Sound Section, ACS Executive Committee Future Meetings in 1993

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

September 8

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Dinner: 5:30 PM in Cafeteria (optional)
Meeting: 6:30 PM in Room 511,
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