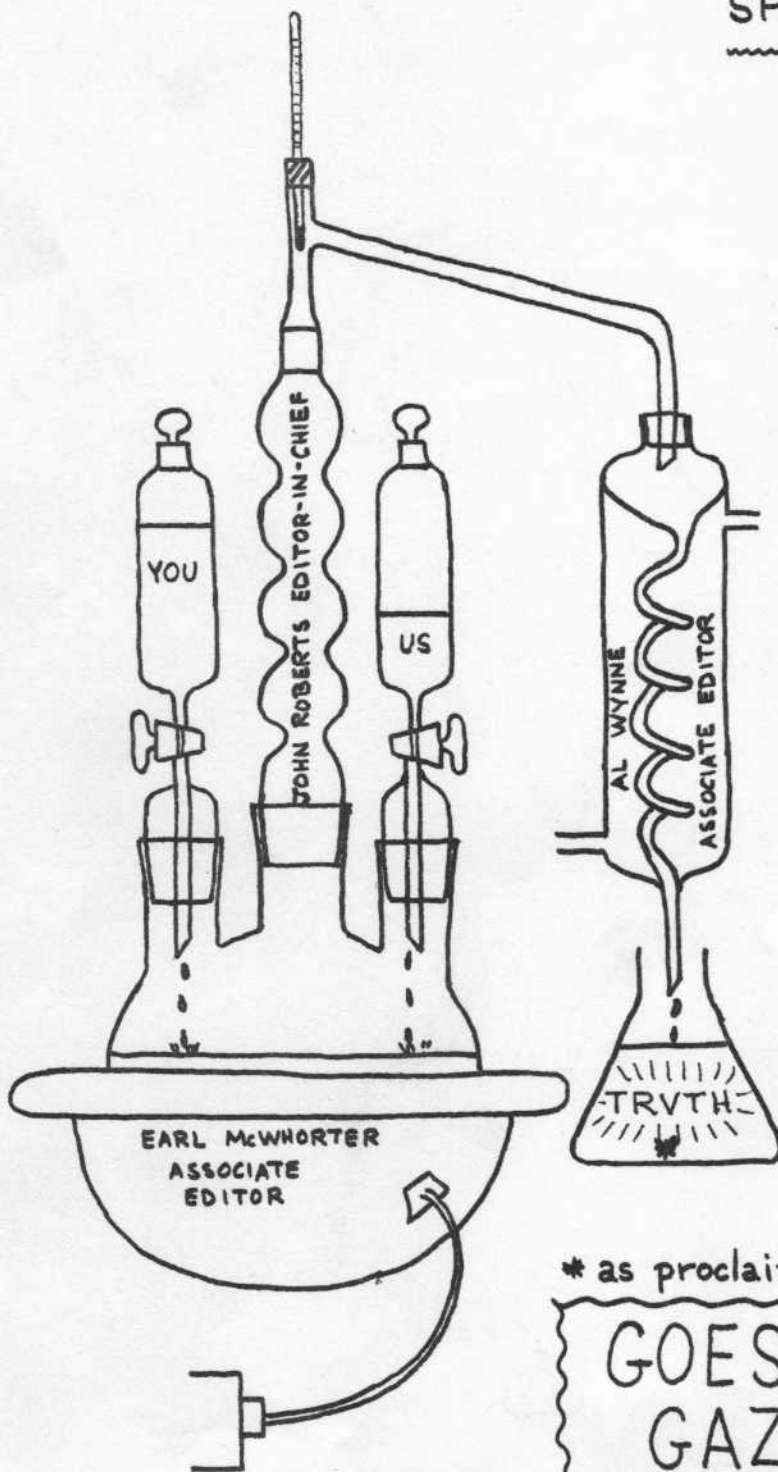


SPRING, 1975



* as proclaimed by the

GOESSMANN
GAZETTE

responsibility for which is assumed by the
CHEMISTRY DEPARTMENT
UNIVERSITY OF MASSACHUSETTS
AMHERST

GREETINGS TO ALL CHEM-ALUMS

Your Alma Mater is alive and functioning and we hope this issue of our newsletter finds you prospering and happy. We, like you and everyone else, are caught in economic problems of varying severity. Chemistry Department Head, WILLIAM E. McEWEN evaluates some possible problems the department may face as follows:

The budget message of Governor Dukakis indicates that a statewide budget reduction of \$458 million (13%) will be needed for fiscal year 1976 if no new taxes are approved. This does not automatically mean that the budget for the University will be cut 13%, but it does suggest that some kind of cut may be forthcoming. This presents a major problem because of the fact that about 93% of the university's present budget is used for salaries, while only 7% is used for books, journals, supplies, equipment and other hardware or software. Since the 7% of the budget used for "things" is already at an irreducible minimum, it is obvious that any cut in the FY 76 budget will have to come out of the "people" category. Although the easiest item to cut in the "people" area is the allocation for teaching assistants and teaching associates, it is the hope of most of the members of the faculty that this will not happen. Dean Shapiro also feels the same way, and he is now working on a tentative scheme to save the TA positions, mainly at the expense of faculty replacement positions. This would seem to be the most sensible approach to the problem until we learn whether or not a serious budget cut will be forthcoming.

HONORS, AWARDS AND SABBATICALS

SIDNEY SIGGIA, professor of analytical chemistry at the University of Massachusetts, Amherst, Mass., has been selected as the 1975 recipient of the ACS Award in Analytical Chemistry, sponsored by Fisher Scientific Co. Dr. Siggia is cited specifically for his "exceptional prominence in fundamental and applied analytical chemical research, in innovative and effective teaching, and in local national, and international analytical chemical citizenship." His professional career, divided as it is between 23 years in industry and 8 years as an academic scientist, has contributed to his exceptionally broad and perceptive concepts of analytical chemistry and is responsible for his dedication to promoting the interaction between academic and industrial aspects of the science.

Dr. Siggia earned his BS degree from Queens College, New York, in 1942 and his MS and PhD degrees in 1943 and 1944 from the Polytechnic Institute of Brooklyn. He held research and managerial positions at General Aniline and Film Corp. (1944-58) and Olin Corp. (1958-66) research laboratories and joined the University of Massachusetts as a professor in 1966. He is the author of several books, the most recent of which is "Instrumental Methods for Organic Functional Group Analysis", Wiley, 1972.

Dr. Siggia was a pioneer of the functional group approach first by classical methods and latterly through modern instrumental techniques to organic analysis. He has over 100 research publications in this field, many of which have proceeded to adoption as standard methods. Other areas of research interest include reaction rate analysis and chromatographic methods, especially reaction gas chromatography and high-pressure liquid chromatography of molecules of biological significance.

