

Engineers, American Nuclear Society, Society of Automotive Engineers, American Chemical Society, American Institute of Aeronautics and Astronautics, and the American Society of Mechanical Engineers, University of Delaware, Newark, Del. Contact: Mr. Daniel S. Goldin, General Chairman, IECEC, TRW Systems Group, M5-0259, One Space Park, Redondo Beach, Calif. 90278.

Sept. 1-5, 1975—"High Performance Liquid Chromatography" short course, The Chemical Society, University of Sussex, Sussex, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.

Sept. 15-19, 1975—"Quantitative Treatment of Experimental Data in Chemistry" short course, The Chemical Society, University of Manchester Institute of Science

and Technology, Manchester, England. Contact: M.D. Robinson, Education Officer, The Chemical Society, Burlington House, London, W1V 0BN, England.

Oct. 29-31, 1975—53rd Annual Meeting and 40th Paint Industries' Show, Federation of Societies for Paint Technology, Los Angeles Convention Center. Contact: Federation of Societies for Paint Technology, 121 S. Broad St., Philadelphia, Pa. 19107.

Nov. 10-13, 1975—Third Joint Conference on Sensing of Environmental Pollutants: A Focus on Applications of Science and Technology to the Effective Assessment of Pressing Environmental Problems, IEEE, ACS, AIAA, AMS, APCA, EPA, ISA, NASA, NOAA, and DoT, Stardust Hotel, Las Vegas, Nev. Contact: IEEE-TAB, 345 E. 47th St., New York, N.Y. 10017. ■

Section seeks nominations for Bailey Award

The North Central Section of AOCs is seeking nominations for the 1975 Alton E. Bailey Award. The award was established to recognize outstanding research and exceptional service in the field of lipids and associated products.

The medal presented to the award winner commemorates Alton E. Bailey's great contributions to the field of fats and oils as a researcher, as an author of several standard books in the field, and as a leader in the work of the Society.

Any AOCs member may nominate a person for the Bailey Award. Although the section hopes to recognize an

outstanding person in industry, all nominations regardless of the person's professional association will be accepted.

Nominations should contain a page or page and a half summary of the following information: (A) a short personal history of the nominee, (B) educational background, (C) professional background, (D) list of patents and publications in the field of lipids, and (E) a short description of the nominee's most outstanding contribution.

All nominations should be sent by February 1, 1975, to: Dr. David Holchomb, Kraftco Corporation, Research and Development, Glenview, Ill. 60025. ■



Organic Molecules in Action, Murray Goodman and Frank Morehouse (Gordon and Breach Science Publishers, New York, N.Y., 1973, 351 p., \$14.50).

This book was a pleasure to read; it is written clearly and informatively. Structural formulae are written clearly and in a contrasting color for emphasis. The text is concerned with organic chemistry as it might appeal to the modern educated man. In contrast to many organic chemistry texts, much descriptive material is incorporated, especially relating to biochemical and biological actions of the various compounds discussed.

The very titles of chapters are intriguing: "Prebiotic Synthesis (Origins of Biological Molecules);" "Origin of the Cell (Life Appears on Earth);" "Nucleic Acids and Protein Synthesis (The Code of Life);" "Giant Molecules (The Magic Materials);" "Molecules of Mercy (The Pain Relievers);" "Molecules of Might (The Germ Killers);" "The Steroid Family (Hardening of the Arteries to Family Planning);" "Molecules of Mysticism (The Mind Changers);" "Molecules of Growth and Health (Vitamins);" "Molecules of the Senses (Taste, Odor, and Attraction);" and "Molecular Structure by X-Ray Vision."

An appendix entitled "Language of Organic Chemistry (Structure and Function of Molecules)" which contains a fairly comprehensive discussion of chemical bonding, structure, and the mechanisms of reactions also is included. Each chapter is supplied with a short list of suggested supplementary reading material.

The format is clear, concise, and well organized. There seem to be relatively few errors within the text. The index seems adequately detailed. While the book is intended as an elementary organic text for new chemists, it would be of interest to many readers of the *Journal*. Its relatively modest price should not prevent its appearance on many of their bookshelves.

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The Packed Column in Gas Chromatography, Walter R. Supina (Supelco Inc., Bellefonte, Pa., 1974, 166 p., \$12.00).

This book is divided into eight major chapters which include the following: an introduction, including a discussion of the gas chromatographic literature; a discussion of column selectivity and efficiency and the factors influencing it; a detailed treatment of solid support, their properties, and their effect upon chromatographic separations; an analysis of the selection of stationary phases, the selection of proper stationary phase concentration, and the various methods of packing preparation. Finally, the book includes discussions of column preparation and column usage parameters. A valuable addition to the book is a comprehensive listing of the McReynolds constants for 228 phases for as-

(Continued on page 41A)

sistance in the selection of stationary phases.

This volume is written informally from the author's viewpoint and personal experience. Each chapter is concluded by an extensive bibliography which documents the preceding discussion. The book is well indexed and the listings are such that virtually any question concerning column performance and stationary phases may be answered by consulting it.

This book was informative reading and should be on the bookshelf of everyone interested in the application of gas chromatography to separation problems. It should be on the personal bookshelf of every novice and experienced practicing gas chromatographer.

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Techniques of Combined Gas Chromatography-Mass Spectrometry: Applications in Organic Analysis, William McFadden (J.W. Wiley & Sons, New York, N.Y., 1973, 45 p., \$19.00).

Prior to the appearance of this book, anyone wishing to become involved with gas chromatography-mass spectrometry (GC-MS) was compelled to search the literature for research papers and reviews concerning the area. Furthermore, it was very difficult to accumulate the necessary knowledge to become efficiently involved in the area of GC-MS so as to optimize instrument performance to aid in the solution of research problems.

Topics covered are: the relationship of components of a mass spectrometer to the requirements of GC-MS analysis; fundamentals of gas chromatography pertinent to GC-MS operation; application of vacuum technology to GC-MS systems; the GS-MS interface; operational techniques of MC-MS systems; the role of the computer in GC-MS; the application of GC-MS to flavor, geochemistry, biochemistry, clinical and forensic chemistry, and ecology; and special techniques in GC-MS.

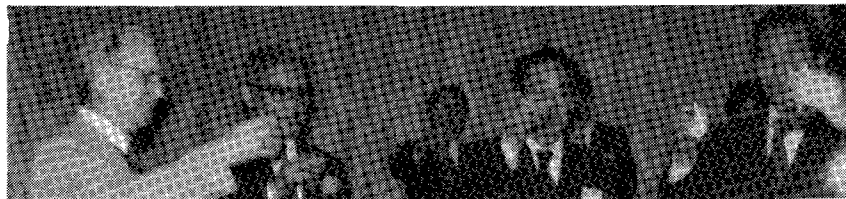
In my opinion, this book is required reading for anyone involved in the details of trying to obtain or provide quality mass spectra from gas chromatographic effluents. A list of 398 references is given which enables further entry into the literature. A detailed index allows entry into the book by persons in search of information on specific topics.

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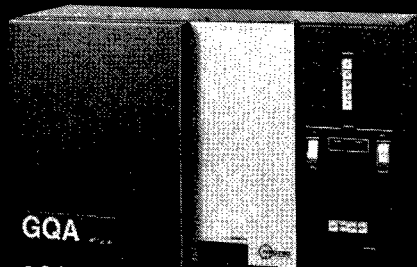
AOCS Presidnet Ralph T. Holman, Hormel Institute, University of Minnesota, presented a special lecture at the thirteenth Annual Fall Meeting of the Japan Oil Chemists' Society.

Holman spoke on "The Role of Essential Fatty Acids in Human Nutrition."

After the meeting, Holman met with members of JOCS to discuss the possible scheduling of a second joint meeting of JOCS-AOCS.



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AOCS President addresses JOCS

