

Short Course on Applications of HPLC

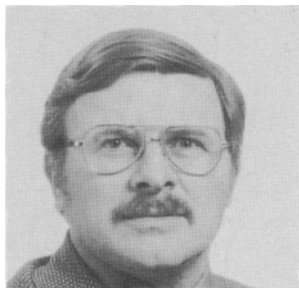
May 19-20, 1978 • Chase-Park Plaza Hotel • St. Louis, MO

Dr. E.G. Perkins, Chairman

Friday, May 19

9 a.m.

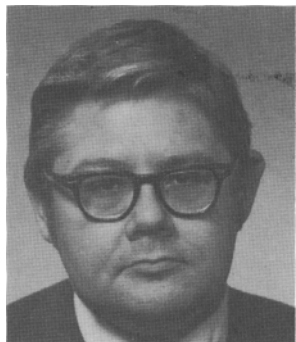
Fundamentals of HPLC, by R.W. Yost, Senior Product Specialist, Perkin-Elmer Corp., Norwalk, CT



Mr. Yost has been working with HPLC since 1968, first with Nester/Faust Company and with Perkin-Elmer since 1972 when that firm acquired Nester/Faust. He has developed LC applications, prepared technical literature, managed the distillation product line, and produced training programs in Europe, Asia, South America, Central America, and Canada. His publications include work in analytical distillation, spectroscopic detection, temperature effects, as well as applications. He received his bachelor of science in chemistry from West Chester (PA) State University and did graduate work at the University of Delaware.

10 a.m.

Sample Detection and Derivatives for HPLC, by E.G. Perkins, Professor of Food Chemistry, University of Illinois, Urbana, IL



Dr. Perkins has been a member of the University of Illinois faculty since 1962. He has been chairman for previous AOCS Short Courses on methodology in 1962 and 1963, has served on numerous AOCS technical and administrative committees and presently is national treasurer for AOCS. He is the author of papers and articles on analytical methodology, isolation and characterization of organic compounds from biological sources; chemistry and analysis of foods and lipids; and related topics. Dr. Perkins earned his bachelor's, master's, and doctorate at the University of Illinois, receiving his PhD in 1958.

11 a.m.

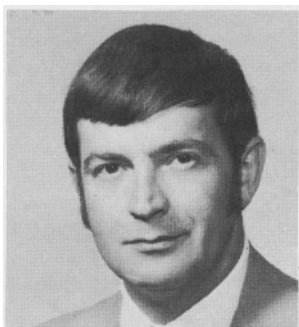
Specific Detectors for HPLC, by D.H. Rodgers, Senior Applications Chemist, Tracor Instruments, Austin, TX



Mr. Rodgers has been with Tracor since 1975, having previously worked for Mobil Oil Co., Merck Sharp & Dohme, Wyeth Labs, and Perkin-Elmer. His major fields of interest are in analytical chemistry, specifically gas and liquid chromatography. He received his bachelor of science from Philadelphia College of Pharmacy and Science and his masters of science in chemistry from Villanova University.

Noon

HPLC of Carbohydrates, by H. Scobell, Research Chemist, A.E. Staley Mfg. Co., Decatur, IL



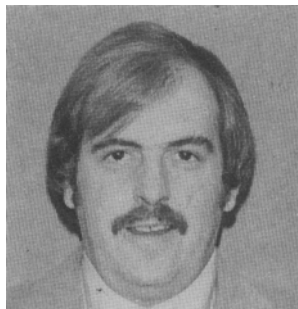
Mr. Scobell has been employed in Staley's analytical laboratories since 1964. His work experience has been largely in chromatographic analysis as applied to carbohydrate mixtures. He has co-authored several papers in this field. Recently he has worked on the design, construction, and use of automated liquid chromatographic systems for the quantitative analysis of carbohydrate mixtures. Mr. Scobell received his bachelor's degree at Millikin University in Decatur.

Hands on experience demonstration time will begin at 2 p.m. Friday and Saturday. Equipment manufacturer representatives will present lectures on use of their specific equipment. Firms with equipment in the exhibit area will be: **Hewlett Packard, Laboratory Data Control, Perkin-Elmer, Spectra Physics, Tracor, Varian and Waters.**

Registration fees include Short Course only; registrants must arrange housing and meals separately. The fees are payable in advance; registration at door will be \$10 additional. Fees are: AOCs Members - \$80; Nonmembers - \$125; Students - \$50. For further information write: HPLC Short Course, American Oil Chemists' Society, 508 South Sixth Street, Champaign, IL 61820.

Saturday, May 20
9 a.m.

Biochemical Applications of HPLC, by J.A. Milner, Assistant Professor, Department of Food Science, University of Illinois, Urbana, IL



Dr. Milner has been at the University of Illinois since 1975. He is a graduate of Oklahoma State University and Cornell University, where he received his doctorate in nutrition in 1974. Dr. Milner served as a postdoctoral fellow of the U.S. Public Health Service at Cornell during 1974. He is a member of numerous academic and professional groups, including the American Association for the Advancement of Science, Sigma Xi, and Institute of Food Technology. He has authored or co-authored 23 scientific articles.

10 a.m.

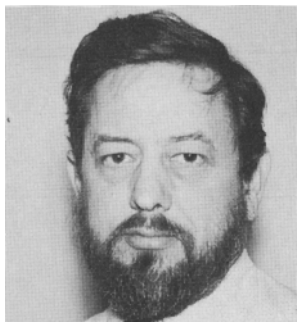
HPLC of Fatty Acids, by B. Bidlingmeyer, Manager of Technology Development, Waters Associates, Milford, MA



At Waters, Dr. Bidlingmeyer is involved in separations research with respect to development of new instrumentation. He has helped establish Waters' Food and Agriculture division and work on food analyses concerning separation of fatty acids, diol diesters, and triglycerides. Before joining Waters, he was in charge of chromatographic separations for the areas of chemical intermediates, polymer characterization, and petroleum residuals as a research chemist for Amoco Research Center in Illinois. He is a graduate of Kenyon College and Purdue University where he received his doctorate in analytical chemistry. He is the author and co-author of numerous publications and serves on the editorial board of the *Journal of Liquid Chromatography*.

11 a.m.

HPLC of Polar Lipids, by R.H. McCluer, Director of Biochemical Research, Eunice Kennedy Shriver Center for Mental Retardation, Waltham, MA



Mr. McCluer was assistant director of biochemical research at the Shriver Center for five years before being named director in 1975. He also holds posts as associate biochemist (neurology) at Massachusetts General Hospital in Boston, lecturer on neuropathology (biochemistry) at Harvard Medical School, and as research professor in biochemistry at Boston University. He previously held posts at Ohio State University and the University of Michigan. He is the author or co-author of three dozen scientific papers. He received his bachelor of arts degree in biology-chemistry at Rice Institute, Houston, TX; and his doctorate in biochemistry at Vanderbilt University, Nashville, TN. He did postgraduate work at the University of Illinois.

Noon

HPLC of Triglycerides, by R.D. Plattner, USDA Northern Regional Research Center, Peoria, IL



Mr. Plattner is research chemist in the Horticultural and Special Crops Laboratory of the Northern Regional Research Center. For the past seven years, he has been involved in the isolation and characterization of novel natural products from seeds, the interfacing of laboratory instruments to computers, and the development of methods of analysis and identification of lipid constituents by GLC, GC-MS, and HPLC. His publications include several involving HPLC work. Mr. Plattner received his bachelor of arts degree from Bradley University in Peoria.

AOCS Pioneers (continued)

The *JAACS*' article on 50-year members of the American Oil Chemists' Society inadvertently failed to list either Abbott S. Richardson or Paul Cretien.

Dr. Richardson, whose original date of entry into AOCS apparently has been lost, served as AOCS President in 1931, helping to guide AOCS through the Depression. It was during his tenure that the AOCS' publication title was changed from *Oil and Fat Industries* to *Oil and Soap*, reflecting the growing role of the soap section in AOCS at the time.

Dr. Richardson is a retired associate director for the Chemical Division, Procter & Gamble Co. in Cincinnati. He served on the Referee Board from 1931-54, as a member of the Smalley Committee from 1946 to 1952, and on the Editorial Advisory Board from 1932-48. He and his wife have recently moved to a smaller home. Dr. Richardson is among a half-dozen Honorary Members of the Society.

At the time he was elected to honorary membership in 1959, Dr. Richardson wrote a letter of thanks, noting, "I am not too modest to class myself among the many who have given much of themselves to the Society, but it constantly gave me more than it received in returned."

Dr. and Mrs. Richardson recently moved to a retirement village four miles from their long-time home in Cincinnati. Their new address: 128 Maple Knoll Terrace, Cincinnati, OH 45246.

Paul Cretien, Chairman of the Board for Texas Testing Laboratories, Inc., joined AOCS in 1926 at the time he and W.J. Bramblett founded the firm, a time when, he writes, "It seemed that there was a small mill at nearly every crossroads in Texas and the entire South."

Cretien notes that the AOCS analytical innovations have been of major interest to him. "In the early 1920s, methods of analysis were still somewhat primitive," Cretien writes, "I recall that in the cup refining of cottonseed oil, the amount and strength of lye to be used was left to the discretion of the chemist—paving the way to considerable guesswork."

"And in the analysis of cottonseed, five grams were weighed, wrapped in a filter paper, placed on a brick on the floor, and hit with a hammer until all seed coats had been broken in order that the oil could be extracted. At that time, we were on the second floor and there was a barber-shop directly underneath. We had some rumble from down below that when a straightedge razor was being used and the hammer came down hard—some customers were nicked. So in 50 years we've come a long way with analytical methods.

Solvent extraction and high performance expellers have been of major importance to the industry, Cretien said. He has not retired formally, still serving as a consultant to the firm he helped found 51 years ago while also travelling extensively with his wife who operates a travel firm. His travels thus far have taken him throughout the United States, Latin America, and Western Europe, including Iceland, Guatemala, Surinam, and Kenya are next on his list, Cretien writes.

JAACS apologizes to both members for having failed to include them in the original survey.

In the article on Pioneers that appeared in the September *JAACS*, readers were asked to suggest names of persons who might qualify as AOCS' oldest member in terms of age. Thus far, no letters have been received that challenge H.C. Bennett, at 91, as the oldest AOCS member. ●



A.S. Richardson



P. Cretien

Referee Certificates

Applications for certification or recertification in the AOCS Referee Chemist program must be returned to AOCS Headquarters, 508 S. Sixth St., Champaign, IL 61820, by no later than March 20, 1978, or the applicant will be ineligible to be listed in the 1978-79 official list of Referee Chemists.

Recertification notices have been mailed to last year's participants. New applicants should write to AOCS Headquarters and request application forms. Recertification application fee is \$10; new applicant fee is \$30.

**Referee Chemist deadline is
March 20**

Hormel report available

Copies of the 1976-77 annual report of The Hormel Institute are available from the Institute, 801 16th Ave. NE, Austin, MN 55912.

The report lists Institute staff members as well as research grants, publications, seminars, and other professional activities by staff members.

In his report, Institute Director Ralph Holman notes that one major activity was remodeling of previously unused basement space and general utility space into specialized facilities such as a plant cell culture lab and a vibration-free laboratory for surface film work. A Division of Bioenergetics was inaugurated in April 1977 with addition of Dr. Douglas R. Pfeiffer to the staff and addition of a fully equipped laboratory in the main building.

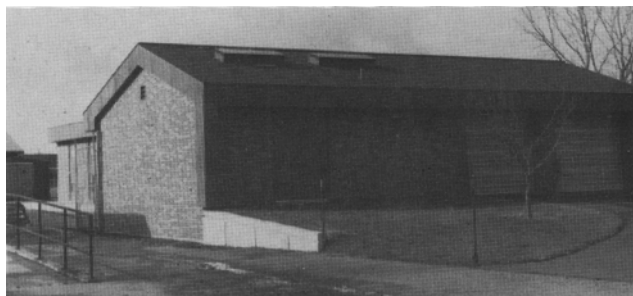
Although efforts are being made to expand individual programs into areas relating to agriculture and the environment, health-related projects will remain the major scientific interest of the faculty in the foreseeable future, Dr. Holman said.

The Institute, a part of the University of Minnesota, is financed through a program-project grant from the National Heart, Lung, and Blood Institute, individual research grants, Hormel Foundation funds, and state funds.

Titles of last year's publications, for which reprints are available, are listed in the report. An illustrated brochure on history, organization, activities, and fellowship programs of the Institute is available on request. ●



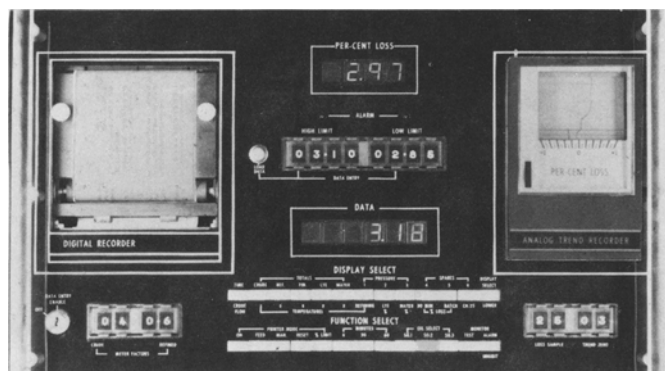
New Hormel staff member Dr. Douglas R. Pfeiffer



Hormel Institute's new fish research laboratory

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