

Members of Northeast Section Meet in Philadelphia

Members of the AOCS Northeast Section met at the Franklin Motor Inn in Philadelphia, Pa. on Tuesday, December 7, 1971. A social hour was followed by a technical presentation on the "Application of Vapor Phase Thermal Fragmentation Patterns for Identifying Many Classes of Compounds" by Eugene J. Levy, President of Chemical Data Systems, Incorporated.

Vapor phase thermal fragmentation patterns have been obtained for many classes of compounds. These classes include normal and branched alkanes, olefins, alcohols, mercaptans, esters, unsaturated fatty acid methyl esters,

alkyl benzenes, isoprenoids, and alkyl substituted phenols. A systematic examination of these patterns, which represent the stable molecules formed during the carefully controlled vapor phase pyrolysis process, indicates specific pattern molecular structure correlations. Based on these correlations, examination of the programs for specific classes of compounds can lead to the determination of a detailed structural identification of an unknown compound eluting from a gas chromatograph. The assigning of the unknown component to a given class is accomplished by a unique system for functional group analysis contained in the Pyrochrom Analyzer. Procedures for identifying unknown components in gas chromatograph effluents using the Pyrochrom Analyzer were described by Levy.

The meeting was well attended and Glen Jacobsen of Campbells Research Institute, chairman of the meeting, led a very informative question and answer period.

Annual Symposium Set for April 11

The Northeast Section will sponsor its Annual Symposium on April 11, 1972, at the Hotel Robert Treat in Newark. The full day symposium will feature Environmental Control. The tentative program is as follows:

- 9:10 AM P.W. Kalika, The Research Corp. of New England, "A Roadmap to Plant Pollution Control"
- 9:55 AM Andrew Dravnieks Illinois Institute of Technology, "A Subjective Approach to Odor Control and Measurement"

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G. Jacobson, meeting chairman, introduces E.J. Levy, speaker of the evening.



From left to right: M. Havlicek, S. Havlicek and G. Jacobson, all of Campbell Institute for Food Research.



H. Salomon, L.A. Salomon & Bro., Inc., F. Naughton, Baker Castor Oil Co., and J. Kirkpatrick, Campbell Institute for Food Research.



S. Herb, Jim Weil, L. Silbert and N. Parris, all of USDA, Philadelphia.



E. Grob, C.P. Baker & Co., and H. Hamilton and M. Eijadi, Drew Chemical Corp.

Call for Nominations for Ninth AOCS \$2500 Award in Lipid Chemistry

Sponsored by Applied Science Laboratories

In April 1964 the Governing Board of the American Oil Chemists' Society established an Award in Lipid Chemistry under the sponsorship of the Applied Science Laboratories Inc., State College, Pa. Previous awards were presented as follows: Erich Baer, August 1964; Ernest Klenk, October 1965; H.E. Carter, October 1966; Sune Bergstrom, October 1967; Daniel Swern, October 1968; H.J. Dutton, October 1969; E.P. Kennedy, September 1970; and E.S. Lutton, October 1971.

The award consists of \$2,500 accompanied by an appropriate certificate. It is now planned that the ninth award will be presented at the AOCS Fall Meeting in Ottawa, Canada, September 24-28, 1972.

Canvassing Committee Appointees

Policies and procedures governing the selection of award winners have been set by the AOCS Governing Board. An Award Nomination Canvassing Committee has been appointed. Members are: T.J. Weiss, Chairman; B.A. Greenwell; R.H. Purdy; Dorothy M. Rathmann; and G. Sumrell. The function of this committee is to solicit nominations for the ninth award. Selection of the award winner will be made by the Award Committee whose membership will remain anonymous.

Rules

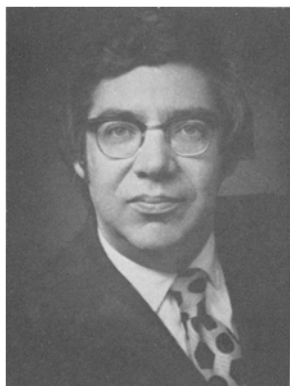
The rules prescribe that nominees shall have been responsible for the accomplishment of

original research in lipid chemistry and must have presented the results thereof through publication of technical papers of high quality. Preference will be given to individuals who are actively associated with research in lipid chemistry and who have made fundamental discoveries that affect a large segment of the lipid field. For award purposes, the term "lipid chemistry" is considered to embrace all aspects of the chemistry and biochemistry of fatty acids, of naturally occurring and synthetic compounds and derivatives of fatty acids, and of compounds that are related to fatty acids metabolically, or occur naturally in close association with fatty acids or derivatives thereof. The award will be made without regard for national origin, race, color, creed or sex.

Letters of nomination together with supporting documents must be submitted in octuplicate to T.J. Weiss, USDA-ARS-DPL, 14th St. and Independence Ave., S.W., Washington, D.C. 20250, before the deadline of April 15, 1972. The supporting documents shall consist of professional biographical data, including a summary of the nominee's research accomplishments, a list of his publications, the degrees he holds, together with the names of the granting institutions, and the positions held during his professional career. There is no requirement that either the nominator or the nominee be a member of the American Oil Chemists' Society.

Remember the DEADLINE, April 15, 1972

David Abrahams Becomes Technical Director at Dexter



David H. Abrahams

AOCS member David H. Abrahams, chief chemist of Dexter Chemical Corp. since 1967, has been named technical director.

Following his discharge from the U.S. Army Chemical Corps in 1957, Abrahams joined Dexter as head of the textile applications laboratory and soon supervised a broad resin development program. This work led to patents in the field of uron resins for wash-and-wear and delayed-cure applications. Under Abrahams' direction, Dexter developed a new line of

dyeing assistants for all types of synthetic fabrics. These are now being successfully marketed. As technical director he will have responsibility not only for textile chemicals but chemicals for the paper and industrial fields.

In 1953 Abrahams received a B.S. degree in textile chemistry from Lowell Textile Institute. While teaching analytical chemistry at M.I.T. he studied advanced organic chemistry and thermodynamics. In 1955 he received his M.S. degree in textile chemistry from Lowell and continued as an instructor in organic chemistry. From 1955 until entering the army he worked at Allied Chemical Corp as a chemist in dye application research.

NOTICE

Lynn A. Hawkins, Jr., Woodson-Tenent Laboratories, P.O. Box 2135, Memphis, Tenn. 38102, has been granted a Referee Certificate on Cottonseed, Soybeans, Oil Cake and Meal, Protein Concentrates, Cottonseed Oil, Soybean Oil and Other Fatty Oils, Tallow and Grease, Cellulose Yield (Linters).

● Northeast Section . . .

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- 11:00 AM Gregory Leonardos and Frederick Sullivan, Arthur D. Little, Inc., "Odor Measurement Techniques in the Lipid Industry"
- 11:45 AM Michael R. Beltran, Beltran Association, "Systems for Odor Abatement from Edible and Inedible Fat and Oil Plants and Their Economics"
- 2:15 PM Robert Casparian, Carver Greenfield, "Recovery and Reuse of Liquid Waste Streams"
- 3:00 PM Warner M. Linfield, Illinois Institute of Technology Research Institute, "Phosphate Free Detergents"
- 3:45 PM Clifford Haysley, Glidden Durkee, "The AOCS Committee on Environmental Control"

Frank White, Chairman of the Symposium has extended an invitation to all AOCS members to attend the full day session. Information on registration for this meeting may be obtained from Frank White, Foster Corporation, Livingston, N.J. or Don Fritz, Woburn Chemical Company, Harrison, N.J.