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# Inside AOCS

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## Calls for nominations

### HONORED STUDENT AWARDS FOR 1982

Nominations are solicited and will be accepted until October 31, 1981, for Honored Student Awards. Graduate students at any North American institution of higher learning, in any area of science dealing with fats and lipids, who are doing research toward an advanced degree, and who are interested in the area of science and technology fostered by this Society, are eligible. To receive the award s/he must remain a registered graduate student and must not have received his/her degree or begun career employment prior to the AOCS meeting s/he is to attend. Selection of award-ees is based on educational qualifications and performance.

The awards provide funds equal to travel costs, complimentary registration, hotel accommodations, plus an additional stipend to permit attendance at the National Meeting of the AOCS to be held in Toronto from May 2 to 6, 1982.

Additional nomination forms may be obtained from AOCS Headquarters, 508 South Sixth Street, Champaign, Illinois 61820. COMPLETED NOMINATIONS SHOULD BE RETURNED BEFORE OCTOBER 31, 1981, TO: Dr. Randall Wood, Texas A&M University, Biochemistry and Biophysics Department, College Station, TX 77843.

### AWARD IN LIPID CHEMISTRY

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, 1964; Ernest Klenk, 1965; H.E. Carter, 1966; Sune Bergström, 1967; Daniel Swern, 1968; H.J. Dutton, 1969; E.P. Kennedy, 1970; E.S. Lutton, 1971; A.T. James, 1972; F.D. Gunstone, 1973; P.K. Stumpf, 1974; W.O. Lundberg, 1975; George Popjak, 1977; Ralph Holman, 1978; Stephen S. Chang, 1979; James F. Mead, 1980; Laurens van Deenen, 1981.

The award consists of \$2,500 accompanied by an appropriate certificate. It is planned that the eighteenth award will be presented at the AOCS Annual Meeting in Toronto, May 2-6, 1982.

#### 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 is appointed; chairman is Earl G. Hammond. The function of this committee is to solicit nominations for the eighteenth award. Selection of the award winner will be made by the Award Committee, whose membership will remain anonymous.

#### Rules

The rules prescribe that nominees will 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 Earl G. Hammond, Department of Food Technology, Iowa State University, Ames, IA 50011, USA, before the deadline of November 1, 1981. The supporting documents will 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. In addition, letters from at least three other scientists supporting the nomination must be submitted in octuplicate.

**Remember the deadline: November 1, 1981**

### ALTON E. BAILEY AWARD

The North Central Section of AOCS is requesting written nominations from Society members for the 1979-80 Alton E. Bailey Award. The purpose of the Bailey Award is to recognize research and/or service in the field of fats and oils. The nomination should contain at least five pertinent references or contributions in the field of oils, fats, waxes, etc. Some of the past Bailey Award winners are: V.C. Mehlenbacher, 1959; R.H. Potts, 1960; J.C. Cowan, 1961; A.R. Baldwin, 1963; T.P. Hilditch, 1965; D. Swern, 1966; W.O. Lundberg, 1967; H.J. Dutton, 1968; H.S. Olcott, 1969; H.E. Carter, 1970; J.F. Mead, 1971; R.T. Holman, 1972; C.M. Gooding, 1973; S.S. Chang, 1974; W.M. Cochran, 1975; Raymond Reiser, 1976; L.A. Goldblatt, 1977; O.S. Privett, 1978; R.O. Feuge, 1979; Frank Norris, 1980; Hans Kaunitz, 1981.

Please send nominations to the Alton E. Bailey Award Chairman, George W. Bregar, 374 Munroe Circle, Des Plaines, Illinois 60016. The deadline for nominations is December 15, 1981, and notification of the selection will appear in this journal. The presentation of the Bailey Award is scheduled for early 1982.

**Deadline: December 15, 1981**

## Uniform Methods Committee report

(The following report was provided by William Link, chairman of the AOCS Committee on Uniform Methods, on the committee's accomplishments of the past year and present activities. Persons interested in serving on this committee should contact Dr. Link, director of research and development for Sherex Chemical Co. Inc., PO Box 646, Dublin, Ohio 43017.)

### Committee on Uniform Methods

The 1980 Revisions and Editions to the Official Methods included two new methods: Ai 1-80, Sampling, applicable to sunflower seed, and Cc 18-80, Dropping Point, applicable to hydrogenated and nonhydrogenated fats and oils which solidify when held in a freezer. Methods that were revised included Aa 6-38, Free Fatty Acids, and Ai 3-75, Oil Content (sunflower). Together with a number of editorial changes and a revision of the table of contents and methods list, these constituted the 1980 revisions and editions.

For 1981, the method for crude fiber will be revised to reflect the virtual ban on the use of asbestos for titration. Ce 1-62, Fatty Acid Composition by Gas Chromatography, which has undergone a major revision, will be published in the *Book of Methods*. A method designed to measure filterability of catalyst from vegetable oils will not be ready for the editor of *Methods*, although a collaborative study is in progress. An NMR method for solid fat index is virtually complete, requiring only the customary approval by the Uniform Methods Committee.

At the last meeting of the Uniform Methods Committee, the chairmen of parent technical committees reported on activities within their committees. In Commercial Fats and Oils Analysis, J.W. McEwan said that several methods in this category are obsolete and requested that the UMC chairmen propose a mechanism for disposition of those methods and their eventual removal from the *Book of Methods*. E.N. Gerhardt described efforts within his committee (Industrial Oils and Derivatives Analysis) to screen methods for determining the composition of polymerized fatty acids. A potential method based on HPLC looks promising. The Atomic Absorption Committee, chaired by H. Robinson, is interested in the determination of sodium soaps in edible oils, and silicon and phosphorus in oils. The Seed and Meal Analysis Committee (W.J. Johnson, chairman) proposes to publish AOAC methods for mycotoxins and expects to standardize a procedure for the percentages of oil in seeds by NMR or NIR techniques. And finally, A.E. Waliking (Flavor Nomenclature and Standards) expects to recommend practices for flavor panel training and operation and for establishing a correlation with GLC systems for flavor volatiles, to be ready for publication in

1982. These are a few of the projects that are moving along within the technical committees.

Activities in technical committees are steady and productive. The recent realignment of the subcommittees on NMR, AA, MS and chromatography, with their subsequent elevation to full committees, will expedite and accelerate this progress and certainly lead to more collaborative work within those committees. This is the substance upon which the *Official Methods* are built. Without the services of dedicated members who volunteer to screen analytical methods, provide samples, collaborate in the round-robin testing and subject the results to statistical scrutiny, and without those volunteer chairmen and other coordinators who doggedly strive to keep the methodology work moving forward, the Society would soon have a methods compilation that was grossly out-of-tune with the real world.

The Governing Board has decided that the volunteer system is the only one that is feasible for our Society, but that it could be made more viable if it were supported by a professional coordinator who would be part of the staff at the AOCS headquarters. Recruiting efforts are now underway to find suitable candidates. The new staff member will be the first person to be hired specifically for technical expertise and, basically, the new staffer will be responsible for establishing programs to keep the AOCS *Book of Methods* current and to maintain communications with other groups interested in methods development and with the technical committees. In that respect, the new director of methods development will have the same objective as the Uniform Methods Committee, to make the AOCS *Methods* more viable, authoritative, current and useful. □

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