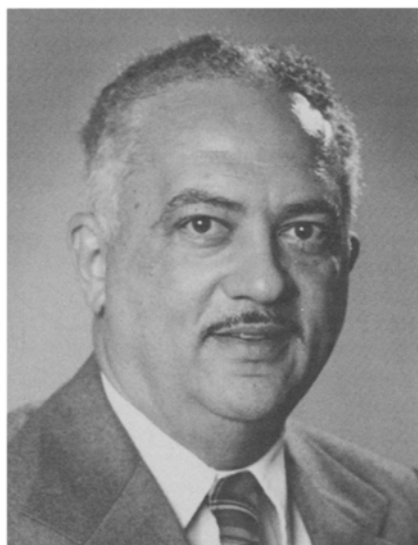


Gavin installed as president



Arnold Gavin

Arnold Gavin, president of EMI Corp.'s import-export arm in Scottsdale, Arizona, officially became president of the American Oil Chemists' Society during the annual meeting held May 14-18, 1986, in Honolulu, Hawaii.

Gavin was elected vice-president of the society a year ago. Under AOCS bylaws, he was unopposed for president on the ballots distributed during February and counted April 22. A total of 3,618 ballots were mailed to voting members; 1,249 were returned by the deadline.

Robert Hastert, manager of market and product technology for Harshaw/Filtrol Partnership, Cleveland, Ohio, was elected vice-president. He had served as AOCS secretary for the past two years.

Timothy L. Mounts, leader of vegetable oil research at the USDA Northern Regional Research Center in Peoria, Illinois, was re-elected treasurer. David Erickson, director of technical services for international marketing for the American Soybean Association in St. Louis, Missouri, was elected secretary.

Elected as Governing Board members-at-large were Roy Carr,



Robert Hastert



Timothy Mounts



David Erickson



Deborah Meiners



Roy Carr



Randall Wood

president of the POS Pilot Plant Corp. in Saskatoon, Saskatchewan, Canada; Deborah Meiners, food technologist for fats and oils at Best Foods, a division of CPC International, Union, New Jersey; and Randall Wood, professor in the Department of Biochemistry and Biophysics at Texas A&M University, College Station, Texas.

Francis E. Luddy, president and technical director of Chem-Biotech Research Inc., Lansdale, Pennsylvania, will serve as an ex-officio member of the Governing Board during the coming year. Luddy was a candidate for vice-president.

Gavin succeeds Joyce Beare-Rogers, chief of nutrition research with the Bureau of Nutritional Sciences for Canada's Health Protection Branch in Ottawa, Canada.

Protein officers

Mary E. Zabik of Michigan State University is 1986-1987 chairman for the Protein and Co-Products Section.

Other officers elected in April by section members are Peter J. Wan of Anderson Clayton Foods, vice chairman, and Nancy M. DiMarco of Texas Woman's University, secretary/treasurer.

Three members-at-large also were chosen. They are George U. Liepa of Texas Woman's University, George N. Bookwalter of USDA's Northern Regional Research Center, and Lynn A. Jones of the National Cottonseed Products Association.

Fifty ballots were cast and counted April 15 at the AOCS headquarters.

McLean, Fox are Smalley winners

C.E. McLean Jr. of Arizona Testing Labs and Ronnie Fox of Fox Testing Labs have won the top awards for fats and oils analytical proficiency in the 1985-86 Smalley Cooperative Check Sample Program.

McLean, of Arizona Testing Labs, Phoenix, Arizona, has won the 1986 Smalley Award for best analysis of oilseed meal, while Fox, of Fox Testing Labs, Lubbock, Texas, has won the 1986 R.T. Doughtie Award for best analysis of cottonseed. It is the first Smalley Award won by McLean. Fox has now won the award for top cottonseed analysis a total of 10 times.

The Smalley Award is presented for best analysis of oilseed meal for combined nitrogen, oil and moisture. It is named for Frank Smalley, founder of the AOCS check sample program. The Doughtie Award recognizes analysis of cottonseed for foreign matter, moisture, free fatty acids, oil and ammonia. It is named for Richard T. Doughtie, a long-time chairman of the Smalley Program, and previously was known as the Barrow-Agee Award.

The Smalley Program in 1985-86 distributed 7,497 samples of oilseed and fats and oils materials to subscribing chemists who analyzed the samples using specified methods. A total of 415 individuals or laboratory units participated during 1985-86, compared to 387 the previous year. In the program, participants' results are analyzed statistically to determine who has performed the best analysis; participants receive reports enabling them to determine their proficiency compared to other participants. Chemists whose results are significantly awry know that either their instruments or lab technique may be faulty. First place and honorable mention certificates are awarded for each category. Winners for the 1986 program were recognized at the annual meeting held last month in Hawaii.

Persons who wish to participate in the 1986-87 check sample program may write to Smalley Check Sample Program, AOCS, 508 S. Sixth St., Champaign, IL 61820, USA.

Names of 1986 first place and honorable mention winners include the following:

Oilseed Meal

Combined moisture, oil and nitrogen

First Place (Smalley Award):

C.E. McLean, Jr., Arizona Testing Labs.,
Phoenix, AZ

Honorable Mention

Robert Humphreys, Southern Cotton Oil Co.,
Memphis, TN

J.E. Williams, Southern Cotton Oil Co. Div., ADM,
Clarksdale, MS

Marie Mitchell, Plains Co-op Oil Mill, Lubbock, TX
T.J. & G.E. Moore, Woodson-Tenent Labs., North
Little Rock, AR

J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA

Moisture

First Place:

T.J. & G.E. Moore, Woodson-Tenent Labs., North
Little Rock, AR

Honorable Mention:

Shams Mustafa, Caleb Brett (USA), Jefferson, LA
Douglas Childs, Woodson-Tenent Labs.,
Gainesville, GA

V.D. Saklosky, Archer Daniels Midland Co.,
Fostoria, OH

James P. Minyard Jr., Mississippi State Chem.
Lab., MS

J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA

Oil

First Place:

James A. Johnson Jr., Dept. of Gen. Services
Consolidated Lab., Richmond, VA

Honorable Mention:

Dan Rutherford, A.E. Staley, Decatur, IL
James P. Minyard Jr., Mississippi State Chem.
Lab., MS

George Mackey, AG-Processing, Manning, IA
C.E. McLean Jr., Arizona Testing Lab., Phoenix, AZ
Robert Humphreys, Southern Cotton Oil Co.,
Memphis, TN

Nitrogen

First Place:

Robert Humphreys, Southern Cotton Oil Co.,
Memphis, TN

Honorable Mention:

Marie Mitchell, Plains Co-op Oil Mill, Lubbock, TX
C.E. McLean Jr., Arizona Testing Labs.,
Phoenix, AZ

John Wieters, Morris Testing Labs., Macon, GA
Ronnie Fox, Fox Testing Labs., Lubbock, TX
Leon Hunter, Pope Testing Labs., Dallas, TX

Crude fiber

First Place:

John Wieters, Morris Testing Labs., Macon, GA

Honorable Mention:

J.E. Williams, Southern Cotton Oil Div., ADM,
Clarksdale, MS

J. Thomas, B. Butler, M. Haider, SGS Control
Services, Kenner, LA

Shams Mustafa, Caleb Brett (USA), Jefferson, LA
Sandra Holloway, SGS Control Services,
Memphis, TN

Larry Hendricks, Archer Daniels Midland,
Decatur, IL

Safflower and Rapeseed

Moisture, oil and nitrogen

First Place:

J. Thomas, B. Butler & M. Haider, SGS Control

Services, Kenner, LA

Honorable Mention:

Frank W. Weber, SGS Control Services,
Carteret, NJ

Peanuts

Moisture, free fatty acids, oil and ammonia

First Place:

Frank W. Weber, SGS Control Services,
Carteret, NJ

Honorable Mention:

Edward R. Hahn, Hahn Labs., Columbia, SC

Soybean Oil

Free fatty acids, neutral oil and bleached color

First Place:

Mark Bond, Humko Products, Kraft Inc.,
Champaign, IL

Honorable Mention:

Shams Mustafa, Caleb Brett (USA), Jefferson, LA
Gary L. Richards, Kraft Inc., Buena Park, CA

J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA

Jack W. Henry, Iowa Testing Labs., Eagle
Grove, IA

Douglas E. McLemore, Woodson-Tenent Labs.,
Dayton, OH

Cottonseed Oil

Free fatty acids, refining loss and refined color

First Place:

Edward R. Hahn, Hahn Labs., Columbia, SC

Honorable Mention:

Shams Mustafa, Caleb Brett (USA), Jefferson, LA
Thomas & Guy E. Moore, Woodson-Tenent Labs.,
North Little Rock, AR

Woodson-Tenent Labs., Memphis, TN

Vegetable Oil for Color Only

First Place:

Frank W. Weber, SGS Control Services,
Carteret, NJ

Honorable Mention:

Q.C. Manager, Anderson Clayton Foods,
Jacksonville, IL

Shams Mustafa, Caleb Brett (USA), Jefferson, LA
K.F. Wood, Hunt Wesson Foods, Memphis, TN

NIOP Fats and Oils

Specific gravity, free fatty acids, iodine value, saponification value and Lovibond color

First Place:

Yokio Yamakawa, Nippon Yurko Kentei Kyokai,
Yokohama, Japan

Honorable Mention:

Paul C. Thionville, Thionville Labs., New
Orleans, LA

T.M. Narayanan Nair, Charles V. Bacon Labs.,
Irvington, NJ

Shams Mustafa, Caleb Brett (USA), Jefferson, LA

Tallow and Grease

Titer, free fatty acids, moisture, unsaponifiable matter and insoluble impurities

First Place:

Paul C. Thionville, Thionville Labs., New
Orleans, LA

Honorable Mention:

T.M. Narayanan Nair, Charles V. Bacon Labs.,
Irvington, NJ

Frank W. Weber, SGS Control Services,
Carteret, NJ

Sandra Holloway, SGS Control Services,
Memphis, TN

J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA

H. Hirayama, Nippon Yurko Kentei Kyokai,
Yokohama, Japan

Edible Fats

Free fatty acids, free glycerol, α -monoglycerides, Wiley melting point, capillary melting point, congeal point, solid fat index, A.O.M. stability, Lovibond red color, peroxide value and iodine value

First Place:

Ben Vandenworm, Hunt Wesson Foods,
Fullerton, CA

Honorable Mention:

Thomas R. McCrory, Kraft Inc., Memphis, TN
Paul C. Thionville, Thionville Labs., New
Orleans, LA

E.R. Bean, Bunge Edible Oil, Chattanooga, TN
T.M. Narayanan Nair, Charles V. Bacon Labs.,
Irvington, NJ

J.L. Witwer, Anderson Clayton Foods,
Richardson, TX

Gas Chromatography

Preparation of methyl esters on fats and oils and GC determination of fatty acids

First Place:

H.F. Robinson, Lever Brothers, Edgewater, NJ

Honorable Mention:

Theodore Kopcha, Capital City Products,
Columbus, OH

John Green, Humko Products, Kraft Inc.,
Champaign, IL

C.I. Kim, Best Foods, Div. CPC International,
Bayonne, NJ

Gilbert H. Holt, Kraft Inc., Memphis, TN
Doward T. Benefield, Humko Products,
Memphis, TN

John Moylan, J.R. Simplot Co., Caldwell, ID

Cottonseed

Foreign matter, moisture, free fatty acids, oil and ammonia

First Place (R.T. Doughtie Jr. Award):

Ronnie Fox, Fox Testing Labs., Lubbock, TX

Honorable Mention:

Edward R. Hahn, Hahn Testing Labs., Columbia, SC

Soybeans*Combines moisture, oil and ammonia***First Place:**

Shams Mustafa, Caleb Brett (USA), Jefferson, LA

Honorable Mention:Thomas J. & Guy Moore, Woodson-Tenent Labs.,
North Little Rock, ARJ. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IACharles R. Norris, Mid-Continent Labs.,
Jackson, MSH. Newton Beavers, Woodson-Tenent Labs.,
Goldston, NCLarry Hendricks, Archer Daniels Midland,
Decatur, IL**Sunflowerseed***Foreign matter, moisture and oil***First Place:**Daniel Kwan & Zana Thomson, SGS Control
Services, Deer Park, TX**Honorable Mention:**Frank W. Weber, SGS Control Services,
Carteret, NJ

Edward R. Hahn, Hahn Labs., Columbia, SC

Fish Meal*Protein, fat, moisture, ash and pepsin digestibility***First Place:**Thomas J. & Guy E. Moore, Woodson-Tenent Labs.,
North Little Rock, AR**Honorable Mention:**H. Newton Beavers, Woodson-Tenent Labs.,
Goldston, NCJ. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA**Fish Oil***Free fatty acids, moisture and iodine value***First Place:**Paul C. Thionville, Thionville Labs., New
Orleans, LA**Honorable Mention:**T.M. Narayanan Nair, Charles V. Bacon Labs.,
Irvington, NJ**Fish Solubles***Protein, fat, moisture, ash, pH and ammonia nitrogen***First Place:**

Shams Mustafa, Caleb Brett (USA), Jefferson, LA

Honorable Mention:A. Reynaud, N. Landeche, A. Pischotta, Charles V.
Bacon, Marrero, LA**Milk Aflatoxin****First Place:**J. Pauw, Kaascontrolestation "Friesland," The
Netherlands**Honorable Mention:**R. Battaglia, The Cantonal Lab. Zurich, Zurich,
Switzerland**Cottonseed Aflatoxin****First Place:**Joel M. Padmore, North Carolina Dept. of Agr.,
Raleigh, NC**Honorable Mention:**California Dept. of Food & Agr., Feed Lab.,
Sacramento, CASteven Hankins, Arizona Testing Labs.,
Phoenix, AZ**Peanut Aflatoxin****First Place:**M. Caerou, Duquesne Purina, Control Lab.,
Montfortsur-Risle, France**Honorable Mention:**Michael Read, Peanut Marketing Board, Kingaroy,
QLD, AustraliaJoel M. Padmore, North Carolina Dept. of
Agriculture, Raleigh, NC

T. Schulz, E.J. Brach & Sons, Chicago, IL

James M. Jaworski, Planters Peanuts, Div. Nabisco,
Suffolk, VAGallina Blanca Purina, SA, Monjos Laboratory,
Barcelona, Spain**Corn Aflatoxin****First Place:**Deborah C. Paul, Consolidated Labs., Dept. General
Services, Richmond, VA**Honorable Mention:**Jim Henderson, Procter & Gamble Co.,
Cincinnati, OH

Woodson-Tenent Labs., Memphis, TN

W.E. Hobbs, General Mills, Minneapolis, MN

Roger Bishop, Iowa Dept. of Agriculture,
Des Moines, IA

Henk Schlette, Frito-Lay Inc., Carrollton, TX

Drying Oils*Acid value, iodine value, color and specific gravity***First Place:**T.M. Narayanan Nair, Charles V. Bacon Labs.,
Irvington, NJ**Honorable Mention:**

P.C. Thionville, Thionville Labs, New Orleans, LA

Cellulose Yield*Moisture and cellulose***First Place:**H.L. Ketcham Jr., Southern Cellulose Products Inc.,
Chattanooga, TN**Honorable Mention:**J.E. Armstrong, Buckeye Cellulose Corp.,
Memphis, TN

First meeting

The Mid-America Section of the American Oil Chemists' Society held its first meeting on April 15, 1986, in Kansas City, Missouri. The newly formed section was organized by Frank Doca, who is serving as the section's president.

Fifteen people attended, coming from Nebraska, Missouri and Kansas. Doca told attendees that he hoped section meetings would provide

members the opportunity to discuss and resolve technical problems, as well as to exchange technical information.

One major goal is to have meetings at the various cities within the geographical areas of the section—Ames, Iowa; Des Moines, Iowa; St. Louis, Missouri; Kansas City, Missouri; and Wichita, Kansas.

Following dinner, AOCS technical director David Berner gave a talk on the methods development project. After the talk, a program chairman and election committee members were

chosen. Norman Smallwood of Core Team, Des Moines, was selected as program chairman. Named to the nominating committee were Friederun G. Boone of Colgate Palmolive, James W. Jones of Shedd's Food Products and Marlowe L. Iverson of USDA. Those attending were given the opportunity to explain their backgrounds and what they hoped membership in the section would provide.

The section scheduled its next meeting for June 6 in Kansas City.

Call for nominations:

Supelco AOCS Research Award

In April 1964, the Governing Board of the American Oil Chemists' Society established an Award in Lipid Chemistry. In 1982, sponsorship of the award was assumed by Supelco Inc. of Bellefonte, Pennsylvania, and the award was renamed the Supelco AOCS Research Award.

This award has been presented to: 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; R.M.C. Dawson, 1982; David van Dorp, 1983; Morris Kates, 1984; Bengt Samuelsson, 1985; and R.R. Allen, 1986.

The award consists of \$4,000 plus a travel and expense allowance accompanied by an appropriate certificate. The 23rd award will be presented during the AOCS annual meeting in New Orleans May 17-21, 1987.

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. The function of this committee is to solicit nominations for the award. Selection of the winner will be made by the Award Committee, whose membership will remain anonymous.

Rules

A nominee must have been responsible for the accomplishment of outstanding original research on fats, oils, lipid chemistry and biochemistry, and must have presented the results through the publication of technical papers of high quality. Preference shall be given to individuals who are actively associated with research, and who have made discoveries that have influenced their fields of endeavor. The award shall be made without regard for national origin, race, color, creed or sex.

Nominations should consist of a letter of nomination, supporting letters from at least three other scientists and biographical information concerning the nominee. The biographical information must include a summary of the nominee's research accomplishments, a list of publications, degrees held with the names of the granting institutions, and positions held during the nominee's professional career. Letters of nomination and supporting documents shall be submitted in octuplicate before Nov. 1, 1986, to AOCS, 508 S. 6th St., Champaign, IL 61820 USA.

Honored Students

Nominations are being sought for the 1987 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 areas of science and technology fostered by AOCS are eligible.

To receive the award, a candidate must remain a registered graduate student and must not have received his or her degree or begun career employment prior to the 1987 AOCS meeting. Selection of awardees is based on educational qualifications and performance.

The awards provide funds equal to travel costs, complimentary registration and hotel accommodation, plus an additional stipend to permit attendance at the AOCS annual meeting to be held in New Orleans May 17-21, 1987.

Nomination forms may be obtained from AOCS Headquarters, 508 S. Sixth St., Champaign, IL 61820. Completed nominations should be returned before Oct. 31, 1986, to Sharon Melton, University of Tennessee, Food Technology & Science, PO Box 1071, Knoxville, TN 37801.

Award of Merit

The AOCS Award of Merit is presented annually to the person or

persons selected for productive service to AOCS. Leadership in technical, administrative or special committees and activities, outstanding service that has advanced the Society's prestige, standing or interests, and service not otherwise specifically recognized are considered. The award is presented at the AOCS annual meeting.

Nominations should be submitted before Oct. 31, 1986, to R.G. Krishnamurthy, Kraft Inc., Research & Development, 801 Waukegan Rd., Glenview, IL 60025.

Potts Award

The Potts Memorial Fellowship is presented annually to a graduate student working in the chemistry of fats and oils and their derivatives. The type of research that qualifies for the award involves fatty acids and their derivatives, such as long chain alcohols, amines and other

nitrogen compounds.

The award, presented at the AOCS annual meeting, consists of a \$1,000 honorarium and a plaque. The award is sponsored by Akzo Chemie America to recognize the late Ralph H. Potts, a pioneer in industrial research and technology of fatty acids. For information, contact Lincoln Metcalfe, director of research, Akzo Chemie America, 8401 W. 47th St., McCook, IL 60525.

Bailey Award

The North Central Section of AOCS is requesting written nominations from AOCS members for the 1987 Alton E. Bailey Award. The purpose of the Bailey Award is to recognize research and/or service in the field of oils, fats and waxes.

Past Bailey Award recipients have included: 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; Thomas Applewhite, 1982; R.R. Allen, 1983; Cecil Smith, 1984; E.N. Frankel, 1985; E.G. Perkins, 1986.

Please send nominations to:

David C. Tandy
EMI Corp.
3166 Des Plaines Ave.
Des Plaines, IL 60018

The deadline for nominations is Nov. 1, 1986, and notification of the selection will appear in this journal. Presentation of the 1987 Bailey Award is scheduled for February 1987.

Polyunsaturated

Fatty Acids

A monograph edited by Wolf-H. Kunau and Ralph T. Holman, 258 p. **Hardbound—\$20 for AOCS members and students, \$30 for nonmembers.**

This monograph records the contributions of twenty noted researchers who contributed to the 1975 AOCS symposium on unsaturated fatty acids. The symposium was premised on the increasing need to combine separate disciplines in lipid research. Speakers thus were invited who specialized in chemical, physical and biochemical properties of lipids. Topics included biosynthesis, oxidation and regulation of metabolism, analysis, chemistry/physicochemistry, and experimental and clinical data. Illustrations and references enhance this collection.

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