

Officer candidates for 1988-89

Ballots for the election of American Oil Chemists' Society officers are being mailed during February to eligible members. Ballots must be received back at AOCS headquarters, PO Box 3489, Champaign, IL 61821-0489, USA, by March 14, 1988. The new officers will be installed during the annual meeting

in Phoenix, Arizona, in May.

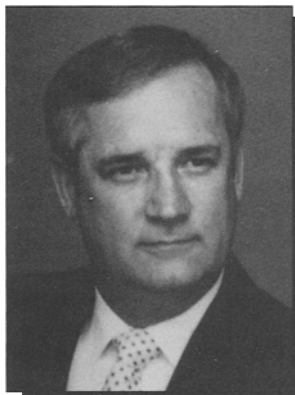
Timothy L. Mounts, AOCS vice president for the past year, is the nominee for president. AOCS by-laws stipulate that the vice president, if eligible, shall be nominated without opposition for the office of president.

There are two nominees each for

the offices of vice president, secretary and treasurer, and 12 nominees for six member-at-large positions on the Governing Board. In the member-at-large election, the three candidates receiving the most votes will be elected to two-year terms; the fourth through sixth-place candidates will hold one-year terms.

Candidate for President

Timothy L. Mounts (1961): Leader, Vegetable Oil Research, Northern Regional Research Center (NRRC), USDA Agricultural Research Service, Peoria, IL. B.S., 1959, M.S., 1968, Bradley University. Previous employment: research chemist, Chemical and Physical Properties Investigations, Oilseed Crops Laboratory, NRRC, 1957-75; research leader, Edible Oil Products and Processes Research, Oilseed Crops Laboratory, NRRC, 1975-80; chief, Oilseeds Crop Laboratory, NRRC, 1980-1985. AOCS Bond Award, 1969 and 1971; Chevreul Medal, French Association of Edible Oil Processors, 1985; 1988 Alton E. Bailey Award. Author of 80 scientific papers including 14 book chapters. Principal research interests: processing of vegetable oils, lipid chemistry, lipid metabolism, hydrogenation, radiotracer applications, edible oil flavor stability.



AOCS: Vice President, 1987-88; Treasurer, 1984-87; Governing Board member-at-large, 1982-84; associate editor, *JAACS*, 1978-; technical program chairman, Fats and Oils Processing short courses, 1978 and 1980; technical program chairman, 1983 annual meeting; member of Investment, Program

Planning, Meeting Logistics and Membership Development committees; chairman, Awards Administration Committee, 1983-85; chairman, Education Committee, 1985-87; chairman, Finance Committee, 1984-87; North Central Section President, 1983-84; program co-chairman, 1985 World Conference on Emerging Technologies in the Fats and Oils Industry; member, steering/program committee, 1982 World Conference on Oilseed and Edible Oil Processing; session chairman, lipid metabolism (1975 meeting), analysis and detection of trace metals in oils (1977 meeting), by-product utilization (1982 world conference), new developments in anti-nutritional factors in oilseeds (1984 meeting), engineering and scale-up in fat and fatty acid biotransformations (1987 World Conference on Biotechnology for the Fats and Oils Industry).

Candidates for Vice President

Roy A. Carr (1975): President, POS Pilot Plant Corp., Saskatoon, Saskatchewan, Canada. B.A. Sc., 1952, chemical engineering, University of Toronto. Previous employment: supervisor of quality control, supervisor of applied development, quality control manager, plant chemical manager, Procter & Gamble, 1952-66; section head of process engineering, division head of process engineers, assistant

technical director, plant manager, Anderson-Clayton Foods, 1966-72; manager of engineering development, associate research director, director of quality assurance and customer relations, Hunt-Wesson Foods, 1972-78; director of manufacturing, vice president of operations, Canbra Foods, 1978-84; executive director, POS Pilot Plant Corp., 1984-85. AOCS: Governing Board member-at-large, 1986-88;

Canadian Section President, 1986-87; member, Sections and Awards Administration committees; chairman, Fats and Oils Production subcommittee of National Program Planning Committee; International Relations and Protein Nutrition committees; speaker, 1976 World Conference on Oilseed and Vegetable Oil Processing Technology; steering/program committee and session chairman, 1982 World Con-



Roy A. Carr



David R. Erickson

ference on Oilseed and Edible Oil Processing and 1985 World Conference on Emerging Technologies in the Fats and Oils Industries; speaker, AOCS short courses. Other: Canadian Institute of Food Science, Institute of Food Technologists, Canola Council technical committee; Institute of Shortening and Edible Oils anti-pollution committee, President's Advisory Committee, Lethbridge Community College, Coast College District advisory committee; Boy Scouts of America.

The American Oil Chemists' Society provides its members with the invaluable opportunity for individual personal and career development. It also provides incentive for developing technical personnel to join our industry and improve its capabilities.

These benefits are achieved by the functions of our gradually evolving society that define and communicate the needs of our members and industry, then supply the committees and functions to efficiently fulfill those needs. Such professional interactions offer a vehicle for our members to freely express opinions and, within the spirit of friendship, actively participate in the further development of our association.

In addition to recruiting new members, we must strive to encourage our membership, both young and maturing, to increase participation in society functions, thereby obtaining a better understanding of our organization and its affairs. As a result, members not only will improve their personal development

but also will acquire the necessary experience to gradually assume increasing responsibilities of leadership for our society.

Communication is the key factor in maintaining and improving the synergistic effect that we are fortunate to enjoy in our unique society. Its thread binds together all facets of the society, such as the Governing Board, AOCS staff, committees, publications, educational programs, annual and international meetings, section activities and personal contacts.

During 1987, our organization structure has been modified to improve communications and interactions between the various committees and the Governing Board. It is important that the role and functions of the committees be clearly explained to our members to encourage more member participation at committee meetings. This will improve our ability to ascertain and respond to the needs of our members and the industry.

We should strengthen the important role that our various sections play in the communication fabric of the society. Local sections can provide the initial contact for prospective AOCS members. Sectional activities encourage increasing involvement in our society by our new members. Specialty sections allow the development of groups that are primarily associated with only one aspect of our industry. The development of geographic sections must be fostered to increase international communication and involvement within the society. We should strive to strengthen our position as the world's major

communicator and innovator for the oilseeds, fats and oils industry. The society can be proud of the development of our various publications such as JAOCS, Lipids, monographs and the Official Methods and Recommended Practices of the American Oil Chemists' Society. They provide an important technology and news information exchange for researchers, manufacturers and suppliers. We should continue to explore improvements in the type and quality of our publications to better serve our members.

Educational programs should be developed or modified to respond to the needs of our members and industry. We must encourage more member participation in the development of sectional programs, short courses and annual and international conferences. While striving for excellence, we should search for the proper balance of theoretical and practical presentations. As we search for these improvements to our program, it also is important that activities be conducted in an affordable and efficient manner. Each recommendation should consider the needs of our members and industry. Each Governing Board decision should be based on the benefit versus cost effect on the society.

I firmly believe that our AOCS is the best professional society that I have experienced. That is why I would like to have the opportunity to continue its evolution by pushing forward the subjects I have described. Your support is necessary and will be greatly appreciated.

David R. Erickson (1964): Director, Technical Services, International Marketing, American Soybean Association, St. Louis, MO. B.S., 1956, M.S., 1958, dairy technology, Oregon State University; Ph.D., 1963, agricultural chemistry, University of California. Previous employment: research chemist, refinery and margarine division, Swift and Co., 1963-66; division head, refinery and margarine research, Swift, 1966-69; research manager, edible oils research, Swift, 1969-70; general manager, industrial products research, Swift,

1970-77; director of research, Uni-tect Chemical Inc., 1977-78; director, soy oil programs, American Soybean Association, 1977-1985. Research interests: edible oils, vegetable proteins, gelatin, gums and stabilizers, adhesives and specialty compounds. Author of more than 45 scientific publications and five patents. AOCS: Secretary, 1986-88; Governing Board member-at-large, 1984-86; technical chairman, 1989 World Conference in Maastricht; COPE Committee, 1987-; steering/planning committee for 1980 World Conference on Soya Processing and Utilization (session chairman, processing), 1981 International Conference on Dietary Fats, 1982 World Conference on Oilseed and Edible Oils Processing, 1985 World Conference on Emerging Technologies in the Fats and Oils Industries; AOCS Foundation Board of Trustees, 1983-84; AOCS Foundation Action Board, 1981-85; chairman, Awards Administration Committee, 1973-75; technical program chairman, 1973 fall national meeting; entertainment committee chairman, 1976 fall national meeting; hotel committee, 1970 national meeting; first vice chairman, International Relations Committee, 1983-87; North Central Section President, 1971-72, vice president, 1970-71; chairman, Bailey Award committee, 1973; program committee chairman, 1969-70; AOCS short course lecturer, 1966, 1978, 1983; AOCS short course co-chairman, 1986. Other: U.S. advisory committees, Codex Alimentarius Fats and Oils Committee and Vegetable Protein Commission; American Association of Cereal Chemists, American Chemical Society, Institute of Food Technologists, Sigma Xi, Phi Kappa Phi, Alpha Zeta; Institute of Shortening and Edible Oils technical committee, 1969-72; National Association of Margarine Manufacturers technical committee, 1969-71; president, board of directors, Institute for Management, Illinois Benedictine College, 1976-78; Research Directors' Association of Chicago, 1976-78.

It is indeed an honor and privilege to be selected as a candidate for the

office of vice president of AOCS.

I have always been aware of and proud of the fact that AOCS is truly an unique organization incorporating and effectively serving a broad spectrum of scientific and professional interests literally on a world-wide basis. Nothing gives me more satisfaction in my travels than meeting fellow members and seeing AOCS publications in offices and laboratories in practically every country I visit.

Such widespread recognition of AOCS and its value to its membership did not and does not come about without the great effort of its members. When one reflects upon the fact that what AOCS has accomplished is largely due to the voluntary efforts of its members, it becomes apparent how much the members themselves value their membership.

When I joined AOCS in 1964, we had a small office and staff in Chicago. Just recently we dedicated our "little oil house on the prairie" in Champaign, now housing an exceptional executive director and a much enlarged and dedicated staff.

We've also seen over the years an ever-increasing degree of member involvement resulting in better publications, better annual meetings, better world conferences and short courses, more local and special interest sections, more international members, and the list goes on.

In my opinion, the diverse scientific and technical interests and geographical makeup of our AOCS membership is one of the great—if not the greatest—strengths of our society. With this strength comes the challenge of how best to serve all of these interests in an even-handed manner, both now and in the future.

As noted above, the evidence of increasing member involvement and subsequent service to members is plain to see. With such growth and progression inevitably comes the question "what next?" This is in no way critical of things AOCS has done thus far—the results speak for themselves—but we now have reached a point, in my opinion, where we need to think hard about what we are and where best to go in the future.

If elected as vice president, I would work diligently to continue with our current good programs and activities while also working toward putting in place an appropriate and continuing long-range or strategic planning function that would serve to set the most appropriate course of action for the future.

Again, it is an honor to be selected as a vice presidential candidate. Whatever the outcome, I will continue to contribute to AOCS in whatever capacity I can. To do so is small thanks for the many benefits I've received from the AOCS and its members over the years.

Candidates for Treasurer



R.M. Burton (1964): Professor of Chemistry, Harris-Stowe State College, and President, Burton International Biomed Ltd., St. Louis, MO. B.S., 1950, chemistry, University of Maryland; M.S., 1952, chemistry, Georgetown University; Ph.D., 1955, biochemistry, McCollum-Pratt Institute, The Johns Hopkins University. Previous employment: chemist, National Heart Institute, 1950-52; U.S.

Public Health Service Research Fellow, McCollum-Pratt Institute, 1950-54; chemist, National Institute of Neurological Diseases and Blindness, 1955-57; assistant professor of pharmacology, Washington University School of Medicine, 1964-78; professor and chairman, Department of Pharmacology, Oral Roberts University School of Medicine, 1978-79; Burton International Biomed Ltd., 1979-; lecturer, Webster University, 1983; adjunct professor, Harris-Stowe, 1985-; lecturer and advisory board member, adult vocational education, St. Louis Board of Education,

1983-; special consultant for the Center for Experimental Cytology, University of Porto, Portugal, 1963-; registered patent agent. Research interests: lipid metabolism, function of lipids in the nervous system and membranes, childhood precursors of atherosclerosis, and drugs affecting lipids. AOCS: Treasurer, 1987-88; 1983 Award of Merit; Finance, Journal and Publications committees; chairman, Investments Committee, 1984-85; chairman, Monograph Committee, 1983-87; associate editor, *Lipids*, 1965-; *Lipids* index editor, 1965-70; short course chairman, Portugal, 1972; general chairman, Award in Lipid Chemistry Canvassing Committee, Bond Award Committee; Lipid Nomenclature Committee; symposium chairman. Other: Fellow of the New York Academy of Sciences and the American Institute of Chemists; member, American Chemical Society, American Society for Biological Chemists, American Society of Pharmacology and Experimental Therapeutics, American Society for Neurochemistry; Alpha Chi Sigma and Sigma Xi. Author or coauthor of more than 150 scientific publications. Principal coorganizer, NATO Advanced Study Institutes, 1974 and 1983, Portugal; Fulbright Research Scholar, 1981 and 1982. Plenary Lecturer, 4th National Congress of Biochemistry, Mozambique, 1972. Member or chairman of several U.S. Public Health Service advisory committees, including Genetic Disease Award and Advisory Committee, Health Services Administration, 1981; currently scientist director (Captain-06), U.S. Public Health Service Reserve.



Robert L. Ory (1971): Retired, Southern Regional Research Center (SRRC), U.S. Department of Agriculture, New Orleans, LA. B.S., 1948, chemistry, Loyola (New Orleans) University; M.S., 1950, organic chemistry, University of Detroit; Ph.D., 1954, biochemistry

and nutrition, Texas A&M University; certificate and license to use radioisotopes in research, Oak Ridge Institute of Nuclear Studies, 1956. Previous employment: chemist, SRRC, 1950-58; senior biochemist, USDA Seed Protein Pioneering Research Lab, 1958-68; Fulbright Research Scholar, Department of Biochemistry, Polytechnic Institute of Denmark, 1968-69; research leader, biochemistry research, oilseed and food laboratory, SRRC, 1969-85. AOCS: 1987 AOCS Merit Award; general chairman, 1981 and 1987 annual meetings; National Program Planning Committee, 1972-1987; National Program chairman, 1973 and 1976 spring meetings; registered agent for AOCS in Louisiana. Other: associate editor, *Peanut Science Journal*; adjunct professor of food science, Virginia Polytechnic and State University; National Research Council Committee on Food Stability of the Advisory Board on Military Supplies, 1977-80; 1964 pres-

ident, New Orleans Biochemists' Society; 1968 chairman of the Louisiana Section, American Chemical Society; American Chemical Society's Biological Chemistry and Agricultural and Food Chemistry divisions; Institute of Food Technologists, Gulf Coast Section chairman, 1983; member, AAAS, The Scientific Research Society of America, American Society of Plant Physiologists, American Peanut Research and Education Association, American Association of Cereal Chemists; editor of *Enzymes in Food and Beverage Processing*, 1977, published by American Chemical Society; editor, *Antinutrients and Natural Toxicants in Foods*, 1981, Food and Nutrition Press; editor, *Bioregulators: Chemistry and Uses*, 1984, American Chemical Society; author of 15 chapters in other books and more than 135 scientific papers published in national and international journals.

Candidates for Secretary



M.D. Meiners (1981): Food Technologist, Fats and Oils, Best Foods, a Division of CPC International, Union, NJ. B.S., 1976, animal science, Purdue University; continuing education, food science, Rutgers University. Previous employment: quality control technician, special products unit, CPC International, 1976-77; research technician, Best Foods, 1977-81; associate food technologist, 1981-83. AOCS: Governing Board member-at-large, 1986-88; Awards Administration, 1984-; Local Sections, 1982-; Meetings Logistics, 1985-; Membership, 1983-; National Program Planning, 1984-; chairman, Edible Uses of Fats and Oils, 1985-; Northeast Section president, 1985-86; vice president, 1984-85; secretary, 1983-84; arrangements chairman, 1982-84; AOCS President's Club and Honor Roll, 1982-.



Randall Wood (1962): Professor, Department of Biochemistry and Biophysics, Texas A&M University, College Station, TX. B.S., 1959, University of Kentucky; M.S., 1961, University of Tennessee and University of Kentucky; Ph.D., 1965, Texas A&M University. Previous employment: scientist, Oak Ridge Associated Universities, 1966-1970; associate professor, Loyola University Stritch Medical School, 1970-1971; associate professor of medicine and biochemistry, University of Missouri, 1971-1976. Principal research interests: metabolism, chemistry and biochemistry of lipids in embryonic, normal and cancer tissue; analysis of lipids and the nutritional effects and metabolic fate of dietary positional and geometrical isomers of unsaturated fatty acids. Author of more than 75 scientific publications in refereed

journals. AOCS: Governing Board member-at-large, 1986-88; 1963 recipient, first AOCS Honored Student Award (then called the MacGee Award); 1967 recipient, AOCS Bond Award Gold Medal; organizer, AOCS International Symposium on Tumor Lipids, 1972; Honored Student Award Committee, 1966-1969, 1979-1981, chairman, 1982-84; Monograph Committee, 1973-; Biology and Nutrition Area of the National Program

Planning Committee; associate technical program chairman, 1984 annual meeting; associate editor and member of the editorial advisory board of *Lipids*, 1975-1982; editor, first AOCS monograph, *Tumor Lipids: Biochemistry and Metabolism*, 1973; presenter of more than 35 papers at AOCS meetings, with more than 40 papers published in *JAACS* and *Lipids*. Other: member of the American Association for the Advancement

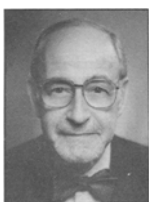
of Science, American Association for Cancer Research, American Chemical Society, American Institute of Nutrition, American Society of Biological Chemists, Sigma Xi, Society for Complex Carbohydrates, and The Tissue Culture Association; recipient of the Sigma Xi Distinguished Member Award; and member of the Editorial Board of the *Journal of Lipid Research*.

Candidates for Governing Board Members-at-large



Michael J. Boyer (1976): President, Applied Engineering and Science Inc., Atlanta, GA. B.S., 1971, civic engineering, M.S., 1972, civil environmental

engineering, University of Missouri-Columbia. Registered Professional Engineer in Georgia, Indiana, Arkansas, Mississippi, Texas, Missouri, Tennessee, Kentucky and Ontario, Canada. Previous employment: division manager, The Chester Engineers; program manager, State of Georgia, Department of Natural Resources. AOCS: chairman, World Conference Planning Committee, 1987; Education Coordination Committee member; chairman, Environmental Control Committee, 1985; general chairman, Short Course on Environmental Control, Dallas, 1985; National Program Planning Committee subcommittee chairman. Author of several papers and speaker at AOCS annual conferences, 1977, 1979, 1982, 1984 and 1986; session chairman and speaker at the 1985 World Conference on Emerging Technologies in the Fats and Oils Industry, Cannes, France. Principal interests: process and environmental engineering for fats and oils and oleochemicals.



Arno Cahn (1959): President, Arno Cahn Consulting Services Inc., Pearl River, NY, 1981-. B.S., 1946, chemistry, Queen's Univer-

sity, Kingston, Canada; Ph.D., 1950, physical-organic chemistry, Purdue University. Previous employment: senior principal research chemist and research associate, 1950-58, Lever Brothers Co.; chief, organic chemistry section, 1958-63, Lever; chief, liquid detergents development section, 1963-65, Lever; research manager, chemical and physical research, 1965-67, Lever; development manager, household products, 1967-73, Lever; director of development, Household Products Division, 1973-80, Lever; vice president, technical development, Household Products Division, 1980-81, Lever. AOCS: Education Committee, 1963-78; Steering Committee, Detergents Short Courses, 1967, 1971, 1980, World Conferences on Detergents, 1977 and 1986; National Program and Planning Committee, 1967-73, 1983-; Chairman, Surfactants and Detergents Steering Committee, 1981-; Awards Administration Committee, 1987-; session chairman and speaker at national meetings and short courses. Other: American Chemical Society (director, New York Section, 1967-68), Fellow of the American Institute of Chemists, Sigma Xi, New York Academy of Science, The Soap and Detergent Association (steering committee member, Technical and Materials Division, 1974-81), emeritus member of the Industrial Research Institute, Association of Research Directors and Chemical Industry Association.

Edward J. Campbell (1974): Technical Director and Marketing



Manager, Archer Daniels Midland Co. (ADM), Decatur, IL. B.S., 1955, chemistry, Seattle University. Previous employment: associated with the edible fats and oils industry for 30 years; with ADM for the past 15 years, including general manager of packaged food oils plant and director of technical services for ADM Food Oils Co.; also, previously managed technical sales and service group for field and plant problems and products, group research leader, quality control and product development technologist, refinery pilot plant and research baker, and technical writer; guided missile maintenance officer, U.S. Army Ordnance. AOCS: AOCS Foundation; chairman, 1989 World Conference, Maastricht, The Netherlands; steering and planning committee, session chairman and speaker, 1982 World Conference, The Hague; Commercial Fats and Oils Analysis Committee; Merit Award Committee; has served as a speaker and session chairman for various meetings. Other: American Soybean Association Soybean Oil Utilization Committee, 1983-1985; National Sunflower Associated Sunflower Oil Utilization Committee, 1982-; Association of Dressings & Sauces Executive Technical Board, 1987-; member of technical committees of the Institute of

Shortening and Edible Oils, National Association of Margarine Manufacturers, American Association of Cereal Chemists (AACC) and Association of Dressings & Sauces; member, AACC, IFT and ASBE.



James K. Daun

(1973): Head, Oilseeds Section, Canadian Grain Commission's Grain Research Laboratory, Winnipeg, Manitoba, Canada. B.Sc., 1967, M.Sc., 1973, and Ph.D., 1975, plant science (grain technology), University of Manitoba. Previous employment: analytical technologist, Atomic Energy of Canada, 1967-1969. AOCS: 1988 Canadian Section vice president; program chairperson, 1986 and 1987 Canadian Section meetings; Seed and Meal Analysis Committee, 1980-; leader, Canola Seed Analysis working group. Other: Canadian Government's Expert Committee on Grain Quality and chairman of its Subcommittee on Oilseeds and Special Crops; Manitoba Sunflower Committee; Canadian Government's Expert Committee on Fats, Oils and Other Lipids; Consumer Association of Canada's ISO/TC 34/SC 2 (Oleaginous Seeds and Fruits) and has represented Canada at the 1985 and 1987 meetings of the International Subcommittee; represented the Canadian Grain Commission at the Canada-Japan rapeseed consultations since 1981; Flax Council of Canada's Market Development Committee; resource lecturer in oilseeds technology for the Canadian International Grains Institute and the University of Manitoba; Canadian Institute of Food Science and Technology; local director, Canadian Institute of Chemistry; Sigma Xi; service scouter and trainer for Boy Scouts of Canada.



J.G. Endres (1961):

Director, Corporate Research Projects, Central Soya Co. Inc., Fort Wayne, IN. B.S., 1955, chemical engineer-

ing, University of Illinois; Ph.D., 1961, food science, University of Illinois. Previous employment: section head, 1961-1964, Armour and Co.; assistant director, 1964-1970, Armour and Co.; vice president, research, 1970-1972, Continental Coffee Co.; director, food product development, 1972-1978, Central Soya; director, food research, 1978-1983, Central Soya; director, corporate research projects, 1983-, Central Soya. Author of research papers, chapters and patents on fats and oils processing, lipid analysis and ingredient technology. AOCS: chairman, Awards Administration, 1986; Governing Board member-at-large, 1970 and 1977; Treasurer, 1971-1973; Scopes Committee, Finance, Nomination and Election, Long-range Planning committees; chairman, Ways and Means Committee; Journal Abstracts Committee; president, North Central Section; AOCS Foundation Board; Education, Publications and Steering committees and session organizer for 1980 World Conference. Other: Institute of Food Technologists; Sigma Xi; Phi Tau Sigma; adjunct professor, University of Illinois.



Glen Fuller (1964):

Research Leader, Plant Development, Quality Research Unit, Western Regional Research Center, USDA Agricultural Research Center, Albany, CA. B.S., 1950, chemistry, Stanford University; M.S., 1951, and Ph.D., 1953, University of Illinois. Previous employment: chemist, Shell Development Co., 1953-64; visiting assistant professor, Mills College, 1964-65. Research interests: autoxidation and processing of vegetable oils, biosynthesis of fatty acids. AOCS: NORCAL Section, 1986; National Meeting Program Committee, 1976, 1979; technical program chairman, 1986 annual meeting, Honolulu. Author or co-author of more than 70 publications, four patents.

John E. Heilman (1962): Vice President of Engineering, World Oilseeds Group, Continental Grain Co.,



New York, NY. B.S., 1961, food engineering, Illinois Institute of Technology. Previous employment: engineer, grocery products division, Armour & Co., 1959-61; laboratory technician, 1958, and foreman, 1958-59, Armour; process engineer, Central Soya Co. Inc., 1962-65; superintendent, Chicago, 1965-68, Central Soya; senior process engineer, Continental Grain Co., Chicago, 1968-75; director of engineering, process division, New York City, 1975-77; assistant vice president, process division, 1977-79; vice president, process division, 1979-. AOCS: chairman, Technical Activities Coordinating Committee, 1987-88; non-voting member, Governing Board, 1987-88; president, AOCS Foundation Board, 1987-88; member, AOCS Foundation Board, 1982-; Meetings Logistics Committee, 1981-; National Program Planning Committee, 1975-; Examination Board, 1985-88; Technical, Engineering and Safety Committee, 1963-. Other: National Soybean Processors Association (technical committee), National Fire Protection Association (sectional committee on solvent extraction).



Edmund W. Lusas

(1978): Director, Food Protein Research and Development Center, and Professor of Soil and Crop Sciences, Texas A&M University, College Station, TX. B.S., 1954, dairy production and manufacturing, University of Connecticut; M.S., 1955, food technology, Iowa State University; Ph.D., 1958, food technology, University of Wisconsin; M.B.A.-Executive Program, 1972, University of Chicago Graduate School of Business. Previous employment: Quaker Oats Co. research laboratories, 1958-77, starting as a project leader in bakery research and

later manager of pet food research and manager of scientific services; research chemist and associate director, Food Protein Research and Development Center, Texas A&M University, 1977; center director, 1978-. AOCS: member and past chairman, Protein and Co-Products Section; associate editor, *JAOCS*; Steering/Program Committee, 1985 World Conference on Improving Operating Efficiency and Product Quality in the Fats and Oils Industry; organizer, 1978 and 1980 world conferences on vegetable food proteins and soybean processing; organizer, 1986 and 1987 short courses on vegetable proteins. Other: Institute of Food Technologists, American Association of Cereal Chemists, American Chemical Society, American Society of Agricultural Engineers, American Peanut Research and Education Association; League for International Food Education; Sigma Xi.



Ted P. Matson (1958): Chief Technical Officer, Surfactants Research, R&D Department, Vista Chemical Co., Ponca City, OK. B.S.

in geology, 1949, masters in education, 1951, and M.S. in chemistry, 1967, Oklahoma University. Previous employment: technical advisor to managing director of Condea Petrochemie GmbH, Hamburg, West Germany, 1964-65; 30 years in detergent chemicals with Vista/Conoco Chemicals. Experience in chemical research and development in new product development, oil field chemicals, study of applications and synthesis of surfactants, and research and development of evaluation techniques. Author of numerous publications and patents in surfactants and detergents. AOCS: Governing Board member-at-large, 1987-88; National Program and Planning Committee; chairman, Surfactants and Detergents Program Committee; member, Planning Committee, and lecturer for three short courses; Steering and Program committees for the 1977 World Conference on Soaps and Detergents; *Journal, Publications and Surfactants and*

Detergents Steering committees; chairman, Second World Conference on Surfactants and Detergents, 1986. Other: CSMA's detergent and cleaning compounds division, CSMA Board of Directors, 1982-86; CSMA detergent division executive board, Detergent Division Distinguished Member Award and Charles Allederdice Award for outstanding contributions to the industry; listed in "Who's Who in the Methodist Church," "Who's Who in the Southwest," "American Men of Science" and "Technology Today."



August M. Rossetto Jr. (1955): President, L.A. Salomon Inc., a division of Süd Chemie AG, Montville, NJ. B.A., 1949, biology/chemistry, Kenyon College. Previous

employment: Southwest area technical manager for enzyme sales, Miles Laboratory, 1950-53; joined L.A. Salomon & Bro. Inc. in Port Washington, NY, in 1954; firm changed name to L.A. Salomon Inc. in 1987. AOCS: Northeast Section past treasurer, secretary, president and governing board member; registration cochairman and entertainment chairman, AOCS annual meetings in New York; member and chairman, Award of Merit Committee; Bleaching Clay Committee. Other: National Renderers Association, Society of Cosmetic Chemists, Cosmetic Industry Buyers & Sellers; American Ceramic Society and Water Pollution Control Federation.



David C. Tandy (1974): President, EMI Corp., Des Plaines, IL. B.S., chemical engineering, 1962, Purdue University; M.Ch.E.,

University of Delaware, 1964; Registered Professional Engineer, State of Illinois. Previous employment: production engineer, Union Carbide Chemicals, 1964-65; process development engineer, Sinclair Research Inc., 1965-68; project engineer, EMI Corp., 1968-73; project manager, EMI Corp., 1973-75;

project manager, Clean Air Engineering, 1975-76; manager of special projects, EMI Corp., 1976-80; vice president, EMI Corp., 1980-83. AOCS: Governing Board member-at-large, 1987-88; Finance and Building committees, 1986-; executive chairman, AOCS Sections Committee, 1986-; Investment Committee, 1984-86; North Central Section president, 1985-86, section vice president, 1984-85; chairman, Alton E. Bailey Award Committee, 1986-87; registration chairman, 1983 annual meeting; program co-chairman, 1984 World Conference; session cochairman, 1985 world conference; speaker, annual meetings, 1977, 1978, 1979, 1980, 1982, 1983; speaker, North Central Section's 1980 symposium. Other: American Institute of Chemical Engineers.



Pamela J. White (1981): Associate Professor, Department of Food and Nutrition, College of Home Economics, Iowa State University, Ames, IA. B.S., M.S., food

science, University of Washington, 1972 and 1974; Ph.D., food technology, Iowa State University, 1981. Previous employment: teaching assistant, Department of Food and Nutrition, University of Washington, 1972-74; frozen food technologist and dietitian, Harborview Medical Center, Seattle, WA, 1974-75; teaching associate, Department of Food and Nutrition, University of Washington, 1975; instructor, Department of Food and Nutrition, Iowa State University, 1975-80; assistant professor, Iowa State University, 1980-87. Current duties include teaching and research. Co-author of papers published in the *Journal of the American Dietetic Association*, *Journal of Food Science* and *JAOCS*. Research interests: food science—lipid oxidation, antioxidants and monoglyceride-amylopectin interactions. AOCS: Governing Board member-at-large, 1987-88; chair, local fundraising committee for AOCS Foundation, 1987; vice chair, Education Activities Coordinating Committee, 1987-88; Strategic

Planning and Awards Administration committees, 1987-; reviewer, *JAOCS* technical papers, 1985-; speaker, 1981, 1985 and 1986 annual meetings; coauthor, paper

presented at the 1984 annual meeting. Other: Institute of Food Technologists (state and national chapters), Phi Beta Kappa, Iota Sigma Pi, Alpha Lambda Delta,

Omicron Nu, Gamma Sigma Delta, Sigma Xi, full member of graduate faculty and a registered dietitian.

Notice of Proposed Changes in By-Laws

At the annual business meeting on May 9, 1988, in Phoenix, Arizona, there will be put to the membership for votes whether to adopt various amendments to the Articles of Incorporation and the By-laws of the American Oil Chemists' Society which amendments are intended to:

1. Eliminate gender references and terminology.
2. Specifically empower the Governing Board to hire an executive director.
3. Change the provision for the designation of the official news publication of the Society.

The following are the Articles of Incorporation and By-laws with the proposed wording changes indicated in boldface. Those wishing to read the existing Articles of Incorporation and By-laws may consult pp. 44-51 in the AOCS 1987-1988 Membership Directory.

Articles of Incorporation as amended through May 20, 1987

(with proposed amendments as of January 7, 1988, indicated in boldface within the text)

ARTICLE I

Name of Society

The name of this society is The American Oil Chemists' Society.

ARTICLE II

Definition and Purpose of the Society

The American Oil Chemists' Society is a nonprofit corporation as defined in Louisiana status. It is an association of chemists, engineers, other scientists and technologists.

Its purpose is to encourage the advancement of technology and research in oils, other lipids, and associated substances; to bring about standardization of analytical methods, equipment and materials used in these methods; to improve the professional competence of these chemists, engineers, other scientists and technologists; to provide professional communication through technical publications and scientific meetings; and to encourage education and training at all levels in these important fields of science and technology.

ARTICLE III

Office and Agent

The Society shall have and continuously maintain in the State of Louisiana a registered office and a registered agent whose office is identical with such registered office and may have other offices within or without the State of Louisiana as the Governing Board may from time to time determine.

ARTICLE IV

Qualifications of Members

SECTION 1. THE SOCIETY AND ITS MEMBERS. The Society is a non-stock corporation. All members shall be elected in the manner provided in the by-laws and, unless exempt, shall pay such membership dues as are fixed by the Governing Board.

SECTION 2. CLASSES OF MEMBERSHIP. Society membership is divided into seven classes; namely, honorary members, active members, student members, individual associate members, corporation or firm associate members, members emeritus, and active retired members.

SECTION 3. HONORARY MEMBERS. Any person whose achievements in science entitle **said person** to special recognition or who has rendered unusually important service to the Society or to the profession, may be nominated an honorary member by petition to the Governing Board signed by 50 or more active members. After approval of two-thirds of the Governing Board, such nominee may be elected by letter ballot on the vote of two-thirds of the members voting. Honorary members shall be elected for life, shall enjoy all rights and privileges of membership in the Society, and shall be exempt from dues.

SECTION 4. ACTIVE MEMBERS. An active member, at the time of **said member's** election, shall be actually engaged in scientific or technological work relating to oils, fats, waxes, their constituents or compounds, or allied or associated substances, and shall have at least five years' scientific training or its equivalent. For this purpose two years of scientific or technological experience shall be considered equivalent to one year of training in a college, university, or similar institution. An active member shall enjoy all rights and privileges of membership.

SECTION 5. ACTIVE STUDENT MEMBERS. An active student member, when elected and while holding a student membership, shall be a regularly matriculated student, graduate or undergraduate, majoring in chemistry, chem-

ical engineering, agricultural chemistry, biochemistry, food technology or related scientific fields, and shall be registered for at least six credit hours or its equivalent. An active student member shall enjoy all rights and privileges of membership, except that **said member** shall not be entitled to hold office or to vote.

SECTION 6. INDIVIDUAL ASSOCIATE MEMBERS. An individual associate member, at the time of **said member's** election, shall be an individual not qualified for active membership who is engaged in the manufacture, distribution, or sale of oils, fats, waxes, their constituents or compounds or allied or associated substances or machinery, supplies, instruments or other equipment used by these industries, or who is interested in the development of the chemistry or technology of these industries. An individual associate member shall be elected in the same manner as an active member and shall enjoy all rights and privileges of membership except that **said member** shall not be entitled to vote or to hold executive office.

SECTION 7. CORPORATION ASSOCIATE MEMBERS. A corporation associate member shall be a corporation or firm engaged in the manufacture, distribution or sale of oils, fats, waxes, their constituents or compounds or allied or associated substances or machinery supplies, instruments or other equipment used by these industries or interested in the development of the chemistry or technology of these industries. It shall be elected in the same manner as an active member. A corporation or firm which is elected an associate member may designate one employee as its representative. The representative shall have all the rights and privileges of membership.

SECTION 8. EMERITUS MEMBERS. On retirement from the work described in Section 4, an active member who has completed 30 years of membership, upon application, shall become an emeritus member. Upon retirement from active participation in the work described in Section 4, past pres-

idents and others with outstanding records of service to the Society may become emeritus members by two-thirds affirmative vote of the Governing Board. Emeritus members shall retain all rights and privileges of active members, and shall be exempt from payment of dues for life.

SECTION 9. ACTIVE RETIRED MEMBERS. On retirement from work described in Section 4, an active member may, upon application, become an active retired member. Active retired members shall retain full rights and privileges of active members and shall receive the benefits of reduced membership dues as determined by the Governing Board.

SECTION 10. RESIGNATION. A member not in arrears for dues or other indebtedness to the Society (and who is not under charges for violation of the Articles of Incorporation or By-laws) may resign from membership by written notice to the secretary. The By-laws may provide for resignation by a member in default on current dues.

ARTICLE V

Governing Board and Committees

SECTION 1. GOVERNING BOARD. The Governing Board shall consist of the president, vice president, secretary, treasurer, immediate past president, and six members elected at large. In addition there shall be four ex officio non-voting members, to wit: the executive director of the Society, the chairperson of the Educational Activities Coordinating Committee, the chairperson of the Technical Activities Coordinating Committee, and the chairperson of the Publishing Activities Coordinating Committee.

The Governing Board shall direct and manage the affairs of the Society.

SECTION 2. EXECUTIVE COMMITTEE. The president, the vice president, the secretary, the treasurer, the immediate past president and the executive director (who shall be non-voting) shall constitute the Executive Committee of the Governing Board. The Executive

Committee shall interpret and further the policies of the Society and the Governing Board when the Governing Board is not in session. However, matters of substantial importance to the Society shall not be decided by the Executive Committee without consulting the Governing Board except in the case of an emergency requiring immediate action. The Executive Committee may be called into session at any time by the president or by any three members thereof. Action may be taken at any time by informal meetings or by telephone consultations. All actions of the Executive Committee shall be reduced to writing and all action on matters of substantial importance shall be promptly reported to all other members of the Governing Board. All other actions shall be reported at the next meeting of the Governing Board. Upon request of any member of the Governing Board, any or all actions of the Executive Committee shall be discussed at the next meeting of the Governing Board.

SECTION 3. ACTIVITIES COORDINATING COMMITTEES. There shall be six permanent activities coordinating committees, to wit: the Administrative Activities Coordinating Committee, the Membership Activities Coordinating Committee, the Financial Activities Coordinating Committee, the Education Activities Coordinating Committee, the Technical Activities Coordinating Committee, and the Publishing Activities Coordinating Committee.

The president shall serve as chairperson of the Administrative Activities Coordinating Committee. The vice-chairperson of the coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

The secretary shall serve as chairperson of the Membership Activities Coordinating Committee. The vice-chairperson of the coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

The treasurer shall serve as chairperson of the Financial Activ-

ities Coordinating Committee. The vice-chairperson of the Coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

The chairperson of the Educational Activities Coordinating Committee shall be appointed by the Governing Board. The vice-chairperson of the coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

The chairperson of the Technical Activities Coordinating Committee shall be appointed by the Governing Board. The vice-chairperson of the coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

The chairperson of the Publishing Activities Coordinating Committee shall be appointed by the Governing Board. The vice-chairperson of the coordinating committee shall be appointed by the Executive Committee from the at-large membership of the Governing Board.

All permanent committees shall meet at least annually at such time and place as may be fixed by the committee chairperson. A special meeting of the committee may be called by the chairperson or by any two members thereof. To the extent notice is not waived, there must be a seven-day notice of any meeting. In the event of an emergency or should immediate action be required, a meeting may be held by telephone conference. All actions of a committee shall be reduced to writing and reported to the next meeting of the Governing Board.

The chairperson of the permanent area coordinating committees shall be appointed annually by the Governing Board. However, no chairperson may be appointed to more than five consecutive terms.

ARTICLE VI

Officers and Their Election

SECTION 1. OFFICERS AND THEIR ELECTION. The officers shall be a president, a vice president, a secretary and a treasurer. The officers shall be elected by secret ballot each year by a major-

ity vote of the ballots cast and shall serve for a term of one year or until successors are duly elected and qualified. The annual election shall be by letter ballot conducted by the Nominating and Election Committee in accordance with the By-laws of the Society. If there is a tie vote for any office, one of the candidates shall be elected by a majority vote of the Governing Board holding office at the time of the election. The president and the vice president may not serve two consecutive terms. The secretary may not serve more than two consecutive terms. The treasurer may not serve more than four consecutive terms.

The vice president shall run unopposed unless at least four members of the Nominating and Election Committee shall vote to submit an additional nomination or nominations to the membership.

SECTION 2. THE PRESIDENT.

The president shall preside over meetings of the Governing Board and meetings of the Administrative Activities Coordinating Committee, shall be in charge of maintaining liaison between the Governing Board and the Society headquarters, shall provide general leadership to the Society, shall make committee appointments subject to approval of the Governing Board, shall arrange for representation by the Governing Board at least once a year at a meeting of each section and shall perform those tasks customarily performed by the president of the corporation.

SECTION 3. THE VICE PRESIDENT.

The vice president shall preside over the Governing Board in the president's absence and, at the president's direction, shall represent the president at events and meetings important to the Society, shall handle such special assignments as may be made by the president, and shall perform such other tasks as are customarily performed by the president of the corporation.

SECTION 4. THE TREASURER.

The treasurer shall be responsible for supervision of the financial activities of the Society, shall serve as chairperson of the Financial Activities Coordinating Committee

and shall perform the tasks customarily performed by the treasurer of the corporation.

SECTION 5. THE SECRETARY. The secretary shall keep the official minutes of the meetings of the Governing Board and all meetings of the Society membership and shall serve as chairperson of the Membership Activities Coordinating Committee. In addition, the secretary shall perform the tasks customarily performed by a secretary of the corporation.

ARTICLE VII

Board Members-at-Large

Six board members-at-large shall be elected by secret ballot and shall serve for a term of two years or until successors are duly sworn and qualified. Three such board members shall be elected each year except for the first year. In the first year, all six shall be elected. The three candidates receiving the highest vote total shall be elected for two years and the three candidates receiving the next highest total shall serve for one year. A member-at-large may not serve more than two consecutive terms. Their election shall be at the time of the election of officers by letter ballot conducted by the Nominations and Election Committee in accordance with the By-laws of the Society. Vacancies among the at-large members may be filled by the president with the unanimous consent of the remaining Board members.

ARTICLE VIII (Deleted)

ARTICLE IX

Examination Board

The Examination Board shall consist of five voting members appointed annually by the Governing Board, who shall designate the chairperson. The Examination Board shall conduct its duties as provided in the Bylaws.

ARTICLE X

Meetings of the Society

SECTION 1. TIME AND PLACE

OF MEETINGS. There shall be at least one meeting each year, determined in advance by the Governing Board, which shall be the annual meeting of the Society.

SECTION 2. ANNUAL MEETINGS. At the annual meetings, the officers shall be certified as elected. They shall take office as the last order of business. The call for this meeting shall be issued at least 30 days prior to the date set for it, by publication in the official news publication of the American Oil Chemists' Society or by mail addressed to each member at the member's last known address appearing on the books of the Society. All by-laws, rules, regulations and resolutions adopted or promulgated by such annual meeting or by special business meetings shall control the affairs of the Society except where inconsistent with the constitution and the laws of the State of Louisiana.

SECTION 3. SPECIAL BUSINESS MEETING. A special business meeting of the Society may be called at the discretion of the Governing Board. The call for the meeting shall be issued at least 30 days prior to the date set for it and shall state the business to be considered. No other business shall be transacted at the meeting. Publication of the call for a special meeting in the official news publication of the American Oil Chemists' Society or by mail addressed to each member at the member's last known address appearing on the books of the Society shall be considered official notice.

ARTICLE XI

Quorum

At any annual or special business meeting, any member may cast said member's vote in person or by written proxy. Fifty members present in person shall constitute a quorum. Except as otherwise provided by law or by these articles, a majority of votes cast upon any question shall control.

ARTICLE XII

Amendment of the Articles of Incorporation

Amendments to the Articles of Incorporation shall be presented in writing to the Governing Board and if approved by a majority of the Board, may be presented at any duly called meeting of the Society. Sixty days' notice prior to the meeting at which the proposed amendment is to be considered shall be given by publication in the official news publication of the American Oil Chemists' Society and by mail addressed to each member at the member's last known address on the books of the Society. The amendment shall be adopted if approved by the affirmative vote of a two-thirds majority of the members voting. Members may vote in person or by proxy at the meeting. Proxy ballots are to be sent to all members with the notification and an explanation of the proposed amendment.

ARTICLE XIII

Duration of the Corporation

The duration of the corporation shall be perpetual.

ARTICLE XIV

Dissolution

No part of the net earnings of the Society shall inure to the benefit of any private shareholder or individual. In the event of the dissolution of the Society, its assets shall be applied first to the payment of its obligations. Any assets remaining shall be transferred by the Governing Board to an organization selected by the Governing Board whose purposes are similar to the purpose of the Society, provided that no part of the net earnings of such organization shall inure to the benefit of any private shareholder or individual. If the Governing Board does not deem such disposition suitable, it shall transfer the assets to such other scientific organization as the Governing Board shall determine, provided that no part of the net earnings of such organization inures to the benefit of any private shareholder or individual.

By-Laws of American Oil Chemists' Society as amended through May 20, 1987

(with proposed amendments as of January 7, 1988, indicated in boldface within the text)

ARTICLE I

Government

SECTION 1. VOTING. Every question which shall come before a meeting of the Society, the Governing Board, or a committee shall be decided by a majority of the votes cast unless otherwise provided by the constitution and laws of Louisiana, the Articles of Incorporation or the By-laws.

SECTION 2. PROCEDURE. Robert's *Rules of Order, Revised*, its most recent available edition, shall govern the Society in all cases to which it is applicable, when not inconsistent with the constitution and laws of Louisiana, the Articles of Incorporation or the By-laws.

ARTICLE II

Membership

SECTION 1. MEMBERSHIP COMMITTEES. The Admission Committee shall be charged with screening and approving new member applications, subject to ratification by the Governing Board. The Admission Committee shall consist of the vice president as ex officio, and at least five other Society members. Members of the committee shall be selected by the **chairperson** with approval of the president.

The Membership Development Committee shall be charged with the identification and recruitment of prospective members as well as with concern for retention of members. The chairperson of the committee shall be appointed by the president with approval of the Governing Board. At least five members of the Society, appointed by the chairperson with approval of the president, shall serve on the committee.

The Admission Committee and the Membership Development Committee shall have no overlapping membership.

SECTION 2. APPLICATION FOR MEMBERSHIP. A prospective member shall make written application and such application shall indicate **said member's** acceptance of the Code of Ethics which shall be printed on the application. After the application for membership has been approved by unanimous vote of the Admissions Committee, and after payment of dues for the fiscal year of **said member's** election, the prospective member shall be a member.

SECTION 3. EXPULSION. A member who has violated the Articles of the Society, or whose conduct has been prejudicial to the good of the Society, or who has violated the Code of Ethics of the Society, may be dropped from the roll of membership by a unanimous vote of the Governing Board after proper investigation, and after giving such member notice and an opportunity to answer the charges preferred against **said member**. A member may prefer charges for such violation either directly to the Governing Board or through the secretary to the Governing Board. It shall be the duty of the secretary to prefer charges against a member when facts in support of such violation are presented to the **secretary** by a member and a formal request is made by a member that the charges be preferred.

SECTION 4. RESIGNATION. Any member in good standing may resign from the Society in accordance with the provisions of Article IV, Section 10 of the Articles of Incorporation by written notice to the secretary. If such notice is received in January of any year, dues for that year shall not be charged.

ARTICLE III

Dues

SECTION 1. TIME FOR PAYMENT. All members required to

pay annual dues shall pay such dues to the executive director in advance, on or before January 1 of each year. Dues shall include one year's subscription to the **official news publication of the American Oil Chemists' Society and an additional technical and scientific publication as may be designated by the Governing Board**. An active student member may become an active member upon meeting the qualifications for such membership and upon payment of such additional dues as the Governing Board shall fix.

SECTION 2. ARREARS IN DUES.

Any member whose annual dues remain unpaid on April 1 ceases to be a member of the Society unless **said member** is unable to pay because of unemployment or disability in which case the Governing Board may suspend **that member's** dues for reasonable period of time without penalty, or the **member** may resign and be reinstated at a later date upon payment of delinquent dues. A member who has been dropped from the rolls for non payment of dues may be reinstated upon tender of all past and current dues before April 1 of the year following, and upon a majority vote of the Governing Board.

SECTION 3. FISCAL YEAR. The fiscal year of the Society shall begin on January 1 and end on December 31 of each year. If a member is elected after November 1, the dues paid at the time of election will continue **said member** in good standing and prepay **that member's** subscription to the **official news publication of the American Oil Chemists' Society** until December 31 of the following year.

ARTICLE IV

Election of Officers

SECTION 1. NOMINATING AND ELECTION COMMITTEE. The president of the Society, with the

consent of a majority of the Governing Board, shall appoint a Nominating and Election Committee of five (5) members within 60 days after the president's election to office. One member of this committee shall be the immediate past president who is to serve as committee **chairperson**. The committee shall function for one year or until a successor committee has been appointed.

SECTION 2. NOMINATING SUGGESTIONS. At least 20 weeks prior to the annual meeting of the Society at which the election is to be certified, the Nominating and Election Committee may seek suggestions for nominations from the membership. The method of seeking these nominations is to be determined annually by the Governing Board.

To be considered by the Nominating and Election Committee, nomination suggestions shall be made no later than 16 weeks prior to the annual meeting at which the election is to be certified.

SECTION 3. ELECTION BALLOT. The Nominating and Election Committee shall nominate candidates for office, taking into consideration the suggestions of the membership and the qualifications and contributions to the Society of the prospective candidates. This ballot shall be published at once in the **official news publication of the American Oil Chemists' Society** and also shall be mailed by the executive director at least ten weeks prior to the annual meeting of the Society to each member of the Society in good standing.

The vice president, if eligible, shall be proposed without opposition for the office of president unless an opposing candidate is nominated by four (4) members of the Nominating and Election Committee. If the vice president shall not be a candidate for president, the Nominating and Election Committee shall make two nominations for the office of president.

The Nominating and Election Committee shall submit to the membership two nominations for the office of vice president and not more than two nominations for each

of the offices of secretary and treasurer. Upon recommendation of the Nominating and Election Committee and with a two-thirds majority approval of the Governing Board, the offices of secretary and treasurer may be combined and held by one person, in which case two nominations for the combined offices shall be submitted to the membership for voting. Each member may vote for one candidate to fill each office.

Nominating and Election Committee shall submit to the membership at least six, but not more than nine, candidates for the three positions of a Governing Board member-at-large. The nominees shall be selected with appropriate consideration given to geographic and employment representation of the Society membership. The three candidates who shall receive the most votes shall be certified Governing Board member-at-large but in the event six at-large members are to be elected, the Committee shall nominate at least nine candidates. The three candidates obtaining the highest vote totals shall be certified to a two-year term and the three candidates receiving the next highest vote totals shall be certified to a one-year term as Governing Board member-at-large.

After preparing the election ballot, the **chairperson** of the Nominating and Election Committee shall forward the names of the candidates for the several offices to the executive director and to the president. The **chairperson** of the Nominating and Election Committee shall determine the eligibility of each candidate and shall notify each eligible candidate of **said candidate's** selection and secure **from that candidate** acceptance of the nomination. If a candidate is ineligible, or should decline nomination, the Nominating and Election Committee shall substitute an eligible candidate.

The election ballot shall not be signed or otherwise identified by the member voting. Each ballot shall be sealed in a special envelope provided and mailed to the executive director in a sealed outer envelope on which the voting member's signature shall appear. Ballots not

conforming to this procedure are invalid.

SECTION 4. COUNTING THE ELECTION BALLOTS. Election ballots to be considered shall be returned to the executive director to be received not later than four weeks prior to the first day of the annual meeting at which the results are to be announced and certified. The executive director shall verify the eligibility of the ballots returned and, in the presence of two or more members of the Nominating and Election Committee, remove the sealed envelopes from the outer envelopes and count the ballots. If members of the Committee are unable to be present, proxies who are members in good standing may serve in this capacity. The executive director, not later than two weeks prior to the annual meeting, shall execute a signed statement, witnessed by the members of the Nominating and Election Committee or their substitutes who were present when the ballots were counted, setting forth the results of the balloting, and shall send a copy of such statement to each member of the Nominating and Election Committee and each member of the Governing Board. The **chairperson** of the Nominating and Election Committee, upon receiving the results of the balloting, shall inform each candidate of **said candidate's** success or failure in the election. The results of the balloting are not to be made public otherwise until the results are publicly announced at the annual meeting by the **chairperson** of the Nominating and Election Committee. The report of the **chairperson** of the Nominating and Election Committee shall constitute certification of the elected officers and board members-at-large.

ARTICLE V

Duties of the Officers

SECTION 1. The officers shall perform the duties regularly or customarily pertaining to the offices they hold, except as provided otherwise in the Articles of Incorporation and By-laws.

SECTION 2. The vice president

shall substitute for the president when the president so designates. If the president during the term of said office becomes unable to perform the duties thereof, the vice president, after notification by the Governing Board, shall assume the duties of president. If both the president and vice president become unable to perform their duties, their offices may be filled by the Governing Board. Vacancies in other offices shall be filled in the same manner. All such appointments shall be published promptly in the official news publication of the American Oil Chemists' Society.

SECTION 3. INVESTMENTS. The Governing Board, on consideration of recommendations of the Investments Committee, shall invest Society funds in a prudent, balanced program consisting of (1) recognized, established, and high quality professionally managed equity investments; (2) direct investments in United States government securities; and (3) deposits insured by the Federal Deposit Insurance Corporation or the Federal Savings and Loan Insurance Corporation. The Investments Committee shall make investment recommendations at each regular meeting of the Governing Board and/or Executive Committee. (Note: The foregoing is Article V, Section 3, as approved and recommended by the board on September 4, 1986.)

ARTICLE VI

Governing Board, Committees and Duties

SECTION 1. GOVERNING BOARD. The Governing Board is the general executive body of the Society. It shall determine the policies and direct the affairs of the Society to promote its best interests. It shall direct the manner in which all funds shall be invested. It shall set the annual dues of the members and shall set the fee for certification by the Examination Board.

It shall be the responsibility of the Governing Board to assist Society committees so that the committees and the Board will be

in continuous, direct communication to make their respective objectives and wishes known.

SECTION 2. COMMITTEE ON UNIFORM METHODS. The Committee on Uniform Methods shall be appointed by the president with the approval of the Governing Board and shall consist of a chairperson and eight additional members, all of whom must be familiar with the *Official Methods and Recommended Practices of the Society*. One of the additional members shall be the editor of *Official Methods and Recommended Practices*. All new methods of analysis and changes in existing methods must be approved by a two-thirds vote of the committee. On duly supported application, the committee may approve alternative methods and approve equipment equivalency by a two-thirds vote of the committee. Upon approval, all such matters shall be promptly submitted to the editor of *Official Methods and Recommended Practices* for incorporation in the procedures of the Society as set forth in Article VIII, Section 2, of these By-laws. The committee may refer to other committees of the Society work which may be needed to improve or confirm matters within the scope of the committee's assignment. Any member of the Society shall have the right to submit proposals and suggestions to the committee for new methods of analysis, alternative methods of analysis, changes in existing methods of analysis, or approval of equipment equivalency. Such submissions must be in writing and contain all particulars necessary for a decision by the committee. The committee may request the submitter to furnish additional information or cause collaborative studies or investigations to be performed. A summary report of all actions of the committee shall be prepared at least annually and submitted by the chairperson to the Governing Board and published in the official news publication of the American Oil Chemists' Society.

SECTION 3. EXAMINATION BOARD. The Examination Board

shall consist of a chairperson, four additional voting members and one non-voting advisory member, all of whom shall be appointed annually by the president with the approval of the Governing Board. The chairperson shall serve as a member of the Smalley Committee. The non-voting advisory member must hold a current certificate as an approved chemist from the Examination Board. The Examination Board shall establish standards for the qualification of active members as approved chemists and for the certification of laboratories and, pursuant to said standards, shall approve chemists and certify laboratories. The standards may involve professional and education background, ethical conduct and such other qualifications as the Examination Board may determine to be pertinent. Applicants shall annually submit an application and pay the fixed fee set by the Governing Board to cover the cost of the examination program.

SECTION 4. EDUCATION COMMITTEE. The Education Committee shall consist of a chairperson to be appointed by the president with the approval of the Governing Board and other such members as directed by the committee scope. The Education Committee shall, with the approval of the Governing Board, establish short courses and other educational programs for the Society and its membership, and shall oversee the administration of those programs.

SECTION 5. NATIONAL PROGRAM PLANNING COMMITTEE. The National Program Planning Committee shall consist of a chairperson appointed by the president and with the approval of the Governing Board and members representing a cross section of professional interests in the Society. The National Program Planning Committee, with the chairperson of national meetings, shall be responsible for development of full and balanced programs at AOCS national meetings.

SECTION 6. SMALLEY COMMITTEE. The Smalley Committee shall consist of a chairperson and

such other members, specifically including the chairperson of the Examination Board, as may be required by the committee scope, all of whom shall be appointed annually by the president with the approval of the Governing Board. The Smalley Committee shall be responsible for the development and administration of the American Oil Chemists' Society's Smalley Check Sample Series Program. In so doing, it shall ascertain the needs of the Examination Board and shall develop and administer the program so as to meet the needs of the Examination Board. All results shall be furnished to the Examination Board.

SECTION 7. AMERICAN OIL CHEMISTS' SOCIETY FOUNDATION. In order to further the purposes of the Society, the Society shall cause a not-for-profit corporation by the name of the American Oil Chemists' Society Foundation, Inc., to be established. The American Oil Chemists' Society shall be the sole member thereof. The purpose of the foundation shall be to receive and invest funds and assets to be used for charitable and philanthropic purposes for the encouragement and advancement of technology and research in oils and other lipids and associated substances and to improve professional competency of chemists, engineers, other scientists and technologists working in said field. The directors of the foundation shall be appointed by the Governing Board.

SECTION 8. SPECIAL COMMITTEES. The president shall appoint such other special committees, not provided for in the Articles of Incorporation or By-laws, as may be necessary for proper conduct of the Society. Only members of the Society may serve on a committee, except where cooperative activities with other societies make an exception desirable or when an individual non-member's expertise is vital to the operation of the committee. Such appointment of non-members shall be made only with the consent of the Governing Board.

ARTICLE VII

Publications

The Governing Board may authorize such publications that it deems necessary to promote the best interest of the Society. Official notices required by the Articles of Incorporation or the By-laws shall be published in such publications as the Governing Board may designate as its official news publication of the American Oil Chemists' Society.

ARTICLE VIII

Adoption and Publication of Methods of Analysis

SECTION 1. OFFICIAL AND TENTATIVE METHODS OF ANALYSIS. The Society shall investigate, adopt, and publish such uniform methods of analysis in the field of oils, fats, waxes, and constituents and compounds or allied and associated substances, as may appear to be in the public interest, convenience, or necessity. This publication shall be called **Official Methods and Recommended Practices of the American Oil Chemists' Society**.

SECTION 2. APPROVAL OF METHODS. All methods of analysis originated by other committees of the Society shall be referred to the Uniform Methods Committee for review and approval as tentative methods by a two-thirds vote of this Committee. If approved, a method shall be submitted to the editor of the **Official Methods and Recommended Practices of the American Oil Chemists' Society** for publication as a tentative method. A copy of the changes and recommendations shall be submitted by the chairperson of the Uniform Methods Committee to the president and all members of the Governing Board in a formal report of the Committee.

The methods of analysis, when adopted by the Uniform Methods Committee, shall remain tentative for a period of not less than one year. Thereafter, the Uniform Methods Committee may recommend its adoption as an official method to the Governing Board. A method shall become official upon declaration by the Governing Board.

All official and tentative methods yearly shall be reviewed editorially and technically, to insure that they remain timely and suitable.

ARTICLE IX

Meetings

SECTION 1. MEETINGS. There shall be at least one general meeting of the Society each year for the presentation of papers and discussion of scientific interest.

SECTION 2. TIME AND PLACE OF MEETINGS. The Governing Board shall tentatively decide the time and place of general meetings not later than the time of the previous general meeting. The Governing Board may change the time and place of a meeting if, in its opinion, the change will serve the best interests of the Society or may cancel a meeting in case of emergency.

SECTION 3. NOTICE OF MEETINGS. At least thirty days' notice of time, place and purpose of each regular or special meeting shall be given to the members of the Society by the secretary through publication in the **official news publication of the American Oil Chemists' Society** or by mail addressed to each member at said member's last known address appearing on the books of the Society.

SECTION 4. ORGANIZATION OF MEETINGS. The Governing Board shall select a general *chairperson* for each meeting. The general *chairperson*, with the approval of the Governing Board, shall establish such committees as said general *chairperson* deems appropriate and appoint *chairpersons* to such committees. Tentative budgets shall be submitted to the Governing Board by the general *chairperson* in ample time to allow revision by the Governing Board. The various committees shall be responsible for arranging the place, dates, program, entertainment, industrial trips, hotel reservations, and meeting room arrangements, and other details, all subject to the approval of the Governing Board.

SECTION 5. POSTPONEMENT OF MEETINGS. If the annual meet-

ing cannot be held for any reason, the Governing Board shall receive the report of the chairperson of the Nominating and Election Committee and announce the results of the balloting. Such action shall constitute certification of election. If no quorum exists at an annual or special business meeting of the Society, the Governing Board may submit any matter which was to be submitted at the meeting to the members for their vote by letter ballot.

ARTICLE X

Amendments to the By-laws

Proposed amendments to the By-laws shall be presented in writing to the Governing Board and, if approved by a majority of that Board, shall be published in the official news publication of the American Oil Chemists' Society at least sixty days prior to the national meeting of the Society at which the amendments are to be considered. The proposed amendments shall be presented by one of the members of the Governing Board at the meeting for adoption or rejection. Provided a quorum as defined in Article XI of the Articles of Incorporation is present, and provided the proposed By-law amendment receives a favorable vote of the majority of the members voting at the meeting, it shall be approved and shall be effective immediately.

ARTICLE XI

Order of Business

At the annual meeting of the Society, the order of business shall include the following:

- Call to order
- Reading of minutes of previous meeting (and their approval)
- Reports of officers
- Report of special committees
- Miscellaneous business
- Announcements
- Report of the Nominating and Election Committee
- Presentation of papers and discussions
- Installation of officers
- Adjournment

ARTICLE XII

Code of Ethics

Chemistry and its application by scientists, engineers, and technologists has for its prime objective the advancement of science and benefit of mankind. Accordingly, the Society expects each member:

- (1) to be familiar with the purpose and objectives of the Society as expressed in its Articles of Incorporation; to promote its aims actively; and to strive for self-improvements in said member's profession;
- (2) to present conduct that at all times reflects dignity upon the profession of chemistry and engineering.
- (3) to use every honorable means to elevate the standards of the profession and extend its sphere of usefulness;
- (4) to keep inviolate any confidence that may be entrusted to said member in such member's professional capacity;
- (5) to refuse participation in questionable enterprises and to refuse to engage in any occupation that is contrary to law or the public welfare;
- (6) to guard against unwarranted insinuations that reflect upon the character or integrity of other chemists and engineers.

ARTICLE XIII

Local and Specialty Sections

SECTION 1. AUTHORIZATION. The Governing Board may authorize the formation of local sections embracing a prescribed geographical area, or specialty sections embracing designated scientific disciplines within the Society.

The Governing Board may designate and authorize an individual or a committee as its representative in dealing with sections, and upon so doing may delegate to the representative its powers set forth in Section 5 of this Article. The individual or committee members so designated hereunder may be, but need not be, members of the Governing Board.

SECTION 2. PETITION TO ESTABLISH. Twenty-five or more members in a designated geographical area may submit a petition to the Governing Board for establishment of a local section. The petition shall state the proposed name of the local section, geographical area to be covered, proposed budget for the first year's operation, and proposed by-laws, and any other information which the petitioners believe will assist the Governing Board in passing on the petition.

Twenty-five or more members of the Society interested in a special field of interest may petition to establish a specialty section. The petition shall state the proposed name of the specialty section, special field of interest, budget for the first year's operation, proposed by-laws, and any other information which petitioners believe will assist the Governing Board in passing upon the petition.

SECTION 3. ACTION BY GOVERNING BOARD. The Governing Board, in its discretion, may grant or deny a petition for establishment of a local or specialty section, or may grant a petition subject to such conditions as it deems appropriate.

SECTION 4. MEMBERSHIP OF LOCAL AND SPECIALTY SECTIONS. At all times a majority of the active members of a local or specialty section must be members of the Society, and at all times the president and the treasurer of the section must be members of the Society. Further, every section shall encourage all of its members to become members of the Society.

SECTION 5. DUTIES AND RESPONSIBILITIES OF SECTIONS. Each section shall keep on file with the executive director of the Society a current copy of its by-laws and a list of its officers, and if applicable, its directors. All changes must be reported as soon as possible and in any event within ten days after the effective date of the change.

Each section shall annually submit a report to the executive director containing a financial statement, a list of officers, an activities

report, any revisions to the section's constitution, and any other information that may be required by the American Oil Chemists' Society Governing Board and such information as the executive director may from time to time request. A section may not merge with another organization or section without the consent of the Governing Board. A section shall not engage in any activity expressly forbidden by the Governing Board and shall promptly discontinue any activity if so directed by the Governing Board.

A section shall be responsible for paying all of its debts and obligations. A section may apply to the board for financial assistance as to any debts.

A section shall not knowingly incur debt or obligation in excess of its financial capability.

Whenever the Governing Board deems it appropriate, it may suspend the officers and directors of a section and may appoint a trustee for managing the affairs of the section. Upon such suspension and appointment of a trustee, all books and records and funds of the section shall be promptly turned over to the trustee. The Governing Board may terminate such trusteeship and permit the section to resume operations upon such terms and conditions as the board may impose or it may terminate the section in accordance with Section 6 of this article.

SECTION 6. TERMINATION OF SECTIONS. A section may terminate its activities as a section of the Society at any time upon receiving permission from the Governing Board. The Governing Board may terminate a section by resolution after sixty days' notice to the members of the Society of its intent to do so.

ARTICLE XIV

Indemnity

SECTION 1. The corporation shall have power **but not the obligation** to indemnify **in whole or in part** any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding,

whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that **such person** is or was a director, officer, employee or agent of the corporation against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the **person** in connection with such action, suit or proceeding, had no reasonable cause to believe **such person's** conduct was unlawful. The termination of any action, suit or proceeding by judgment or settlement, conviction or upon plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which **such person** reasonably believed to be in or not opposed to the best interest of the corporation, and with respect to any criminal proceeding, had reasonable cause to believe that the **person's** conduct was unlawful.

SECTION 2. The corporation shall have power **but not the obligation** to indemnify **in whole or in part** any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that **such person** is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by the **person** in connection with the defense or settlement of such action or suit if the **person** acted in good faith and in a manner the **person** reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable for negligence or misconduct in the performance of **such person's** duty to the corporation unless and only to the extent that the court in

which such action or suit was brought shall determine upon application that despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the court shall deem proper.

SECTION 3. There shall be no indemnity to any insurance carrier for costs of defense, attorneys fees, monies paid in settlement or monies paid in satisfaction of judgment. The extent of indemnity shall be determined on a case by case basis, need not be complete and in any event shall be limited to expenses reasonably incurred.

SECTION 4. Any indemnification under Sections 1 and 2 (unless ordered by a court) shall be made by the Society only as authorized in the specific case upon determination that indemnification of the director, officer, employee or agent is proper in the circumstances because **such person** has met the applicable standard of conduct set forth in Sections 1 and 2. Such determination shall be made (a) by the board of directors by a majority vote of a quorum consisting of directors who were not parties to such action, suit or proceeding, or (b) if such a quorum is not obtainable, or even if obtainable, a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, or (c) by the **Governing Board of the American Oil Chemists' Society.**

SECTION 5. The corporation shall have power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against and incurred by **such person** in any such capacity, or arising out of **such person's** status as such, whether or not the corporation would have the power to indemnify said person against such liability under the provisions of this article.

ARTICLE XV**Preferential Treatment for
Affiliated Organizations**

SECTION 1. AUTHORIZATION. The Governing Board may formally recognize independent organizations whose purpose in whole or in part is consistent with the purposes of the Society. Upon such recognition, said organization shall be afforded such help, assistance and preferential treatment as the board may authorize.

SECTION 2. PETITION TO ESTABLISH. An independent organization may by written petition to the Governing Board request preferential treatment.

SECTION 3. STATUS OF PREFERENTIAL ORGANIZATION. An organization granted preferential treatment hereunder shall not adopt any name that would indicate it is a part of the Society and shall not in any way hold itself out as a part of or representing the Society.

SECTION 4. TERMINATION OF RECOGNITION. On 30 days' prior written notice to any organization granted preferential treatment hereunder, the Governing Board may terminate the preferential status or any and all preferential treatment.

ARTICLE XVI**Review of Decisions**

SECTION 1. SCOPE OF COVERAGE. All decisions by standing committees, ad hoc committees, and officers shall be reviewed under the provisions of this article unless a specific review provision for that decision is elsewhere provided for in the Articles of Incorporation or in these By-laws or unless the right to review is denied or limited under this article.

SECTION 2. REVIEW PROCEDURE. Any party who claims to have been aggrieved by a decision of any standing committees, ad hoc committees, or officers who desires review shall, within 30 days after written notification of said decision, file a written request for review with the committee chair-

person or the officer who made the initial decision. The request for review shall specify the decision and set forth in a concise manner the reason why the party seeking review believes the decision to have been erroneous and shall state what the party believes the correct decision to be. If the aggrieved party has not been advised of the basis of the decision, then in the request for review the party may request that the party be provided with the reason for the decision and, after being provided with the reason, the party may augment the initial request for review within 30 days. The committee or officer making the initial decision shall within a reasonable time conduct its review and advise the aggrieved party of its decision. A copy of the decision on review and the request for review shall at that time be submitted to the Secretary of the American Oil Chemists' Society. The committee or officer may in its, his or her discretion conduct a hearing at which time the aggrieved party and witnesses may be heard and documentary evidence received. The decision on review shall be final unless within 30 days after receipt of the notice of decision in writing, a party who is aggrieved by the decision on review files a written request for review with the Secretary of the American Oil Chemists' Society.

SECTION 3. REVIEW BY GOVERNING BOARD. Where a request for review of the decision on review by a standing committee, an ad hoc committee, or an officer is filed with the Secretary of the American Oil Chemists' Society as provided for herein, the Governing Board shall within a reasonable time review the decision and advise the aggrieved party and the committee chairperson or officer whose decision was reviewed of the Governing Board's decision. If it desires, the Governing Board may hold a hearing wherein the aggrieved party and witnesses may be heard and documentary evidence may be received. The decision of the Governing Board shall be final.

SECTION 4. REVIEW OF INITIAL DECISION BY GOVERNING BOARD. Where the Govern-

ing Board is the body that made the initial decision, then any party aggrieved thereby shall have the right of review by filing a written request for review of the Secretary of the American Oil Chemists' Society within 30 days after receipt of the written notice of the Board decision. The request for review shall specify the decision and set forth in a concise manner why the aggrieved party believes the decision to be erroneous and shall state what the aggrieved party believes the correct decision to be. If the aggrieved party has not been advised as to the reason for the decision, the request for review may request that the party be so advised and, after being so advised, may augment such party's initial request for review within 30 days. The Governing Board may in its discretion hold a hearing at which time the aggrieved party and witnesses may be heard and documentary evidence received. The decision of the Governing Board shall be final.

SECTION 5. NON-REVIEWABLE DECISIONS. The following decisions shall not be subject to review: decisions of the executive director as to personnel matters concerning his or her office staff.

ARTICLE XVII**Executive Director**

The Governing Board shall hire an executive director for a period of one year or such additional time as the Board may desire. The Board shall be empowered to enter into a written employment agreement with the executive director. The executive director shall be responsible for the supervision and management of the national office and shall assist and cause the national office to render such assistance to the members of the Governing Board as may be requested by any of the officers. A vacancy in the office of executive director shall be filled by appointment by the Governing Board.

Northeast Section: Symposium on dietary fat

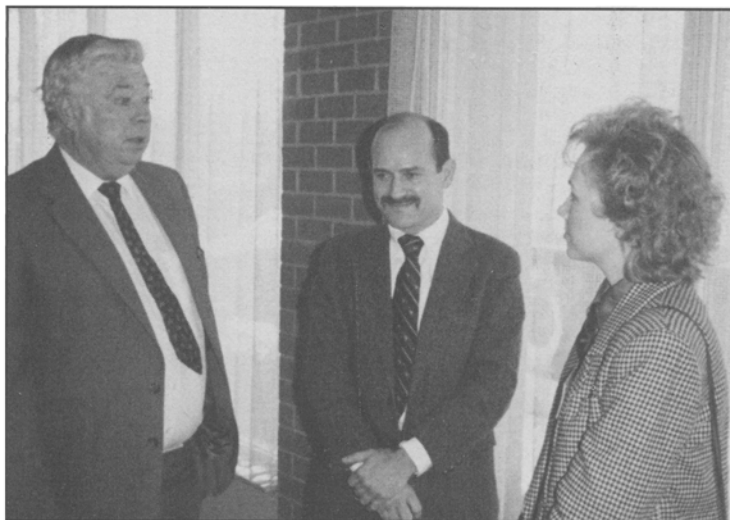
Approximately 60 persons attended an all-day symposium Dec. 1 on dietary fat and health hosted by the Northeast Section of AOCS. Speakers presented reviews on dietary fat and food consumption, obesity, cancer and heart disease.

M. Deborah Meiners of Best Foods, a member of the AOCS Governing Board, presented a primer on fats and oils processing. Meiners described the typical procedures, from extraction to deodorization, that an oil goes through to produce a clear, stable, bland cooking and salad oil with a long shelf-life for consumers.

Robert Rizek of the U.S. Department of Agriculture (USDA), outlining the results of the continuing survey of women's and children's food intake, noted that women are getting about 37% of their caloric intake from fat, down several percentage points from the last major survey taken in 1977. Rizek said the high socioeconomic status women are eating less red meat but more cheese and their total fat intake is similar to that of lower socioeconomic status women. A new computer program developed by USDA is able to sort the added fat component out of mixed dishes. Results, he said, show that fats and oils are the major contributor to fat intake.

Steven Heymsfield of St. Luke's-Roosevelt Hospital in New York and director of the Outpatient Clinic of the Obesity Research Center described his work in body composition and showed that lean body mass really accounts for energy expenditure. Heymsfield said exercise helps build lean body mass and therefore increases resting metabolic rate to account for the weight loss seen during exercise. According to Heymsfield, a diet lower in fat may lead to increased weight loss since people eating more foods low in fat usually eat high-bulk items.

David Kritchevsky, associate director of the Wistar Institute in Philadelphia, reviewed his research



Speakers Robert Rizek of USDA (left) and Steven Heymsfield (center) of St. Luke's-Roosevelt Hospital talk with Edith Burnside of Harshaw/Filtrol Partnership at the Northeast Section's December symposium.

showing that total calories seem to be more important than fat intake in promoting tumor growth in animals given carcinogens. He showed human epidemiology data correlating body size and caloric intake to cancer of the breast and colon. Kritchevsky was asked many questions on the treatment of the cancer patient. He answered that each case must be individually considered, particularly as the goal is to nourish the cancer patient but not to give calories to nourish the tumor.

Margaret Cobb, assistant professor at the Rockefeller University of New York, reviewed the newest national guidelines on cholesterol and diet from the National Cholesterol Education Program. She explained ways to assess if a person should be on a cholesterol-lowering diet and answered questions on patient adherence. Cobb emphasized that individuals should undertake only one change at a time, with changing the amount and type of fat eaten probably the most important.

Providing a brief summary, Mark Bieber of Best Foods, symposium chair, agreed with Cobb that the "miracle" of monounsaturates

probably was their use as a replacement for saturated fat and that there really is no magic. Also reviewing data on fish oils, Bieber said they lower blood triglycerides and change blood clotting but probably have little or no effect on blood cholesterol levels. Bieber, as did others, emphasized that fish oil should come from fish, not from supplements.

Many of the participants asked when the section would hold its next dietary fats symposium as they found this one informative and the atmosphere encouraged interaction with the speakers. Symposium organizers did not say but did remind the audience that a symposium on processing will be held April 11, 1988 (see article under Meetings, this issue).

Sections update

AOCS President Robert Hastert is slated to talk on "The Many Faces, Facets and Features of AOCS" at a number of AOCS section meetings during the next several months.

Hastert will be the featured speaker at the March 1, 1988,

meeting of the Northeast Section; the March 15, 1988, meeting of the Mid-America Section; the March 18, 1988, meeting of the NORCAL Section; the March 24, 1988, meeting of the Southwest Section; and the April 27, 1988, meeting of the North Central Section.

The Northeast Section meeting on March 1 will be held at the Madison Hotel in Madison, New Jersey. For further information, contact Tony Montana at Henkel Process Chemical, telephone 201-267-1000.

The March 15 Mid-America Section meeting will begin at 6:30 p.m. at the Gold Buffet in North Kansas City, Missouri. For details, call Frank Doca at C.J. Patterson Co., telephone 816-763-8377.

For details on NORCAL's March 18 meeting, contact W.B. Hendrix, Johnson-Loft Engineers Inc., telephone 415-459-5911. Contact person for the Southwest Section meeting March 24 is Robert Dearstyne, Lonza Inc., telephone 213-537-0451.

The April 27 meeting of the North Central Section will be held at the Cypress Restaurant, Hinsdale, Illinois. For more information, contact Govind Mirmira, Kraft Inc., telephone 312-998-3651.

Certification deadlines

Applications for either certification or recertification in the AOCS Approved Chemists program and the AOCS Certified Laboratory program must be received at AOCS headquarters, PO Box 3489, Champaign, IL 61821-0489, USA, by March 31, 1988, for applicants to be eligible for the 1988-89 official listings.

Recertification notices were mailed in January 1988 to participants in the previous year's programs. New applicants should write to AOCS Certification Programs at the AOCS headquarters to request application forms and check lists.

The Approved Chemists program was known as the Referee Chemist program until 1985. New applicants must complete a back-

ground questionnaire. The recertification fee for approved chemists is \$35; first-time applicants pay a fee of \$100.

The Certified Laboratory program, which covers persons wishing to do referee analysis of soybean meal, was begun in 1985. New applicants are required to complete a questionnaire that accompanies the application forms. Laboratories participating are notified of any deficiencies in their analyses and are asked to correct them to qualify for recertification. For the Certified Laboratory program, the recertification fee is \$1,000; new applicants also pay a \$1,000 fee.

Application forms with completed questionnaires must be returned to AOCS headquarters by March 31, 1988.

Memphis section?

An informational meeting for AOCS members and others interested in the work of the society will be held the evening of March 16, 1988, in the Memphis, Tennessee, area. Speaker for the evening will be AOCS President Robert Hastert, who will present a talk on "The Many Faces, Facets and Features of AOCS." For more details, contact Sue Heiser at AOCS headquarters, telephone 217-359-2344.

Smalley series for 1988-89

The 1988-89 Smalley Check Sample Program will offer 23 series. The program, provided by AOCS, is a means for laboratories to check the proficiency of their analytical procedures.

A subscriber to a specific series receives a sample of quality uniform to that distributed to other subscribers. Each participant analyzes the sample using specified AOCS methods, then notifies AOCS of the results. A final compilation of the results of all participants indicates whether a participant's analysis was accurate.

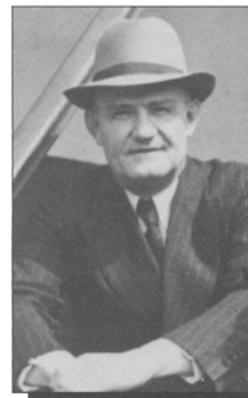
Information on prices and schedules is available from the Smalley Committee, AOCS, PO Box 3489, Champaign, IL 61821-0489, USA.

The following check sample series are to be offered during 1988-89. The number of samples in each series is shown in parentheses.

- Cottonseed (10)
- Soybeans (10)
- Peanuts (7)
- Safflower (5)
- Rapeseed (5)
- Sunflower (8)
- Oilseed meal (10)
- Tallow and grease (5)
- Edible fat (5)
- Cellulose yield (cotton linters) (10)
- Cottonseed oil (4)
- Soybean oil (4)
- Vegetable oil for color (6)
- NIOP fats and oils (5)
- Gas chromatography (fatty acid composition) (6)
- Aflatoxins in peanut meal (8)
- Aflatoxins in cottonseed meal (8)
- Aflatoxins in corn meal (8)
- Aflatoxins in milk (8)
- Fish meal (8)
- Fish solubles (8)
- Fish oil (8)
- Palm oil (8)

Deadline for enrollment is June 30, 1988.

Obituaries



BENJAMIN H. THURMAN

Benjamin Hill Thurman, AOCS' senior member, died Sept. 28, 1987, at the Orange County Nursing Home, Orange, Virginia. The 96-year-old Thurman had been an AOCS member for 72 years, the longest continuous member in the society's history.

When Thurman joined AOCS (then called the Society of Cotton Products Analysts) in 1915, he was employed by the Southern Cotton Oil Co., Savannah, Georgia. There, he worked in the company of F.N. Smalley, a founder of the society. While at Southern Cotton as a factory control chemist, he refined oils, crushed oilseeds, and manufactured soap, distilled fatty acids and dynamite glycerine.

He also worked for Phoenix Cotton Oil Co., Jacob Dold Packing Co. Refinery and Agee Laboratories where he installed hydrogenating plants, did quality control work for oil mills and produced shortening.

His activities in the research and manufacture of vegetable oils expanded in 1920 when he took the positions of vice president and general manufacturing manager of the American Linseed Co. and its subsidiary, Best Foods Inc. There, he had charge of linseed mills that were among the largest in the world at the time.

Later, he joined the Glidden Co., where he helped form Durkee Famous Foods. Under his leadership as vice president of research and manager of the eastern division of Durkee, the company revamped copra and sesame crush facilities and installed margarine and mayonnaise plants. In 1934, he joined Refining Inc. where he developed new processes for continuous refining of oils and for manufacturing

lecithin and soap. Thurman began consulting in 1944 and continued with that until 1968.

Thurman, a chemical engineer, graduated from Davidson College in North Carolina in 1910. Later, he did graduate work at Yale and Cornell. His alma mater awarded him an honorary doctor of science degree and named a section of its chemistry building for him in 1978. On presentation of the award, Davidson College President Samuel Spencer praised Thurman for perseverance that led to several innovations in chemistry.

"His inspiration and perspiration have brought him more than 80 patents for chemical discoveries and processes . . . Before he was 23, he was the first to discover that lecithin, then produced only organically and abroad at great expense, could be made here from vegetable oil. He was also the first to make possible the enrichment of foods with synthesized vitamins, to the benefit of the world's health. The progress of the soap and paint industries for the last 50 years is largely the result of his patient working out of intuitive insight in a field he probably knows better than any man living," Spencer said at that time.

Asked about his association with AOCS, Thurman said in 1977, "It was so pleasing and interesting to meet with often your closest and most competent, active friends. Many were with me in all our

working lives."

In his later years, prior to moving to a nursing home, Thurman farmed and read technical journals. He is survived by his wife, Maryan Green Thurman of Orange; two daughters, Anne Thurman Gibbs of Charlotte, North Carolina, and Marianne Green Roser of Annandale, Virginia; and a son, George E. Thurman of Phoenix, Arizona.

Memorial donations may be made to the Orange County Nursing Home trust fund established in Thurman's honor.

THOMAS E. DRISKO

AOCS has been informed of the death of emeritus member Thomas E. Drisko on Oct. 30, 1987. Drisko joined AOCS in 1925 and received emeritus standing in 1958.

He worked as a chemist for more than 40 years at Best Foods Inc. in San Francisco, California. Drisko, who was trained as a chemist and attorney, graduated from the Pratt Institute of New York and took additional training at Brooklyn Polytechnic and Columbia University. Upon his retirement in 1959, Drisko divided his time between Santa Rosa, California, and the Hawaiian Islands.

He is survived by a son, Richard Drisko of Oxnard, California; a daughter, Ruth Bruns of Saratoga, California; and nine grandchildren.

Methods for Nutritional Assessment of Fats

Edited by
Joyce Beare-Rogers

\$30 Members
\$50 Nonmembers

A new AOCS monograph that provides invaluable guidance for planning research involving nutritional assessment of fats. In a dozen concise chapters, leading researchers take the reader through the sequence of steps needed to produce valid, useful results. The first chapter discusses experimental design, followed by chapters on selection and use of test animals, formulating diet, characterizing the test material, studying tissue lipids, using epidemiological data, interpreting results and, finally, preparing the data for publication. This collection of procedures and comments provides a useful review of some of the requirements in the nutritional assessment of a dietary fat.

Methods for Nutritional Assessment of Fats