

# Governing Board meets in Champaign

The AOCS Governing Board held its first business meeting in the new AOCS headquarters in Champaign in conjunction with the November dedication of the building.

At the meeting, the board authorized AOCS Executive Director James Lyon to finalize a mortgage on the new building with Champaign National Bank. Lyon asked for authorization to borrow \$600,000, including a previously approved maximum loan of \$400,000 plus \$200,000 to replace money taken from an investment account to handle cash flow needs during construction.

Also, the board authorized Lyon to hire an additional full-time person to do design and layout in the production operations and an additional full-time typesetter. Lyon explained that these hirings would help handle work in-house that otherwise would have to be sent to outside vendors.

In other business, AOCS President Robert Hastert reported that E.G. Perkins would chair the Education Coordinating Committee and J. Heilman would chair the Technical Coordinating Committee. The board, discussing the chair position of the Publications Coordinating Committee, failed to appoint anyone at this time. Hastert announced that the Buildings and Grounds Committee would include Mike Pulliam, Dave Skinner and Norman Field.

Hastert announced that the technical program at the 1988 AOCS annual meeting in Phoenix in May would be scheduled for three days, rather than three and a half days. In preparation for the 1988 annual meeting, the board instructed AOCS staff to prepare a by-laws amendment regarding employment of the AOCS executive director. Staff also was directed to prepare amendments to change the reference announcing official AOCS meetings, business and votes from *JAACS* to "the official news publication of the society." This would prepare for plans to make the news section available with

*Lipids* as an option for AOCS members.

Also, the Governing Board authorized extending the use of credit cards for payment of membership, meeting registration fees and other purchases by those from outside the U.S. Implementation of this will take place as soon as staff makes the necessary arrangements.

## Special reports

In committee reports, Randall Wood reported that the Publications Coordinating Committee will rewrite the scopes of the managing committees under its jurisdiction and its own scope. Representing the Membership Coordinating Committee, David Erickson reported that Robert Allen has resigned as chairman of the Supelco Award Canvassing Committee and that a search is being undertaken to fill that post.

Hastert, meanwhile, indicated that the COPE committee will undertake a study of what the society's role, especially through staff, should be in relation to AOCS sections and the services that the society and sections should expect from each other.

Hastert appointed Tim Mounts and Erickson to serve on an ad-hoc committee to study the implications of a proposed international development program. The committee was asked to give recommendations to the board at its February meeting.

Meanwhile, Heilman reported that David Kravis had resigned from the Foundation Board and that Perkins had been elected to fill the position of Foundation secretary. Perkins and Heilman outlined plans to solicit support for an AOCS fellowship program. The Governing Board tabled any action on this program until the Foundation can present a specific plan of action.

Perkins, reporting on the Education Coordinating Committee, noted that the committee had begun discussions on the role and qualifications of an education director as a possible staff position. The

committee set Dec. 14 for an all-day meeting in Chicago to discuss this and other committee business.

## Technical matters

In Technical Coordinating Committee matters, Michael Erickson was appointed to serve on the Examination Board.

The committee recommended that the statistical work of the blind sample program used in the Certified Laboratory Program be handled by staff. AOCS Technical Director Dave Berner was asked to prepare an analysis of the staffing and budget needed to do so and to report his findings at the February Governing Board meeting.

The board also directed Lyon to have Berner study the statistical procedures for the Smalley Program, with the possibility of eventually bringing the system into operation at headquarters.

## Other matters

The Governing Board approved the 1988 budget submitted by Lyon subject to any changes necessary to reflect two additions to staff. The board also voted that all meetings budgets in the future should be considered by the Budget Committee before final approval by the Governing Board.

Lyon reported that approximately \$320,000 had been pledged for the building fund-drive, with all but \$80,000 already collected. He noted that the AOCS staff itself had contributed just over \$4,000, with the largest amount raised through the sale of AOCS cookbooks.

In other business, the Personnel Committee discussed Lyon's request that the society hire a management consultant to study at least four areas of the society's organization and operations: general management structure at headquarters; paper/cash flow through the order, accounting and fulfillment operations; computer applications in the business, marketing and office communications systems; and the structure, staffing and operation of the marketing/sales department. As a

result, the board directed Hastert to appoint an ad-hoc committee to work with staff to gather proposals from consultants experienced with not-for-profit organization management and to report its findings as soon as possible. Hastert then appointed Mounts, David Erickson and David Tandy to serve on the ad-hoc committee.

In other action, Hastert appointed Robert Burton, Pam White and Deborah Meiners to an ad-hoc committee to work with staff to prepare proposed job descriptions, scopes and operational guidelines for the Governing Board, coordinating committees and managing committees.

The Governing Board and the

coordinating committees will meet again Feb. 8 and 9, 1988, in Dallas, Texas, at the Harvey Hotel Dallas. This will be held in conjunction with a joint meeting of the South Central and Protein and Co-Products Sections of AOCS, slated for the evening of Feb. 8 at the Harvey Hotel Dallas.

## North Central meeting: New food technologies

Creative new technologies will be needed by food processing companies to produce superior products matching consumer preferences, Robert McVicker, senior vice president for technology at Kraft Inc., told participants at an AOCS North Central Section meeting this past November.

"We have not felt we are 'high tech,'" McVicker said, forecasting that food technology, focused in the past to optimize processing efficiency and to reduce cost, will be reoriented to emphasize product quality and superiority.

Taste and consumer acceptance should be the dominant factors in marketing for the next 5 to 15 years despite increasing consumer concern with nutrition, McVicker said. He predicted a continuing trend to what he called "world taste" by consumers and cited rapid acceptance of cajun and hispanic foods, the continuing popularity of Italian foods in new formats (microwave and single-portion), and yogurt-type products. The consumer seems to be developing a "gourmet" taste, with more acceptance of flavorful foods, meaning relatively bland-flavored food may lose market share.

Technology especially may be important in developing new prepared foods and medical foods. The increase in meals consumed at fast food restaurants has slowed, he said, noting that food companies should be prepared to provide easy-to-prepare (microwave) foods that provide ease and speed in preparation. Medical foods would be those

formulated to provide specific benefits to maintain healthful status. Americans' concerns for health and nutrition may increase as the population ages, McVicker said.

Food technology should become leading-edge technology, especially as biotechnology is applied to food products, according to McVicker. Food research and development increasingly must be involved with university and supplier research, he said, stressing that more basic science and technology research must be done by food companies.

Competition for grocery shelf space is increasingly competitive, with some new grocery superstores doing \$900,000 worth of business a week, McVicker said. In such circumstances, stores are looking for successful products; they may be willing to stock the top two brands of a product, but may not provide room for the slower selling items. "The supermarket scanners provide market data much faster" than previously had been available, McVicker said. Whereas in 1987 about 80% of the approximately 10,000 new products introduced will fail (representing a \$15 billion to \$20 billion investment), future introductions of new products will be slower.

"We need to provide new products that fulfill unique customer needs," he said, predicting that consumers will respond to "fresh-type" products (virtually all new supermarkets include a deli section), microwave products and dry foods. McVicker forecast a reduction in

frozen food products as dry and fresh-type products displace frozen foods in the consumer household.

Only a few large food processing companies may survive because of the costs in developing new products, including documenting product safety, McVicker said. A strong R&D technology program will be needed to provide superior products acceptable to consumers with a satisfactory return on investment, he said.

## 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 background 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.

## 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) (5)

- 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 (6)
- Deadline for enrollment is June 30, 1988.

## Obituary

JAMES F. MEAD



James F. Mead, 1980 recipient of the Award in Lipid Chemistry (now known as the Supelco AOCS Research Award) died

Nov. 30, 1987, at his home in California after a long illness. He was acknowledged as one of the leading lipid biochemists in the world and a pioneer in the area of free radical biochemistry.

Mead was born in Evanston, Illinois, where his father was an executive with a bicycle firm founded by Mead's grandfather. During childhood, he lived in Los Angeles, Evanston and England. He went on to study at Princeton, where he was a Phi Beta Kappa graduate in chemistry. He earned his doctorate in organic chemistry at the California Institute of Technology in 1942.

He became a permanent California resident when he married Marilyn (Denney) MacLennan in May 1942. She survives, as do three children—James M., Victoria Thomas and Robin Kelso—and a number of grandchildren.

After World War II, he held an academic position at Occidental College. He then joined what eventually would become the UCLA medical school. During the early 1980s, he served as associate director of the medical school's Laboratory of Nuclear Medicine and Radiation Biology. Most recently,

## New feature

For 1988, the News Section of *JAOCs* has established a network of volunteer associate editors to aid in providing topic ideas and in recruiting writers to produce special interest articles for its readers. In this issue, through this program we are able to provide a special article on instrumentation (see page 78) and a look at research facility expansion at Colgate-Palmolive (see the Surfactants & Detergents section, page 162).

The following have agreed to serve as volunteer associate editors:

- Biotechnology—James Rattray of the University of Guelph and Cynthia Baer of Kraft Inc.
- Food technology—Neil Widlak of Kraft Inc.
- Health and nutrition—J. Edward Hunter of Procter & Gamble
- Instrumentation—William McShane of Kraft Inc., Helmut Traitler of Nestec and Joseph Williams of the Navy Drug Screening Lab
- Lipids/biochemistry—Wolfgang Baumann (advisory capacity) of Hormel Institute and Kenneth Carroll of the University of Western Ontario
- Plant lipids—W. David Nes of the U.S. Department of Agriculture
- Plant safety—Harold J. Sandvig of Cargill Inc.
- Processing—Reginold Bacchus of POS Pilot Plant Corp. and Larry Johnson of Iowa State University
- Surfactants and detergents—Arno Cahn of Arno Cahn Consulting Service Inc.
- Vegetable proteins—George Liepa of Texas Woman's University

## Canadian officers

The Canadian Section of AOCS has elected Levente L. Diosady of the Department of Chemical Engineering, University of Toronto, as its president for 1988.

Other officers elected are James K. Daun of the Canada Grain Commission, vice president, and Eileen E. McGregor of the Canola Council of Canada, secretary/treasurer.

Section members also approved proposals setting two years as the term of office, with officers elected to serve no more than two terms.

his title was professor emeritus at the laboratory, renamed the Laboratory for Biomedical and Environmental Sciences.

In his 1980 Award in Lipid Chemistry acceptance address, Mead outlined his research interests, which included studying how linoleate is oxidized inside the human body. Outside the laboratory, Mead enjoyed various outdoor activities, such as volleyball, water skiing, snow skiing, tennis and bicycling.

He published more than 200 research papers, 16 books and contributions to books. He held a Research Career Award from the National Institutes of Health and was the sixth person to receive both the Alton E. Bailey Award and the Award in Lipid Chemistry. He was a former member of the AOCS Governing Board.

## New members

The following persons had applied for membership in the American Oil Chemists' Society through mid-November 1987. If an applicant was invited to join AOCS by current member, that member's name appears in parentheses at the

end of the listing. The new member's listing is published bimonthly.

Florianne M.C. Aresta, J.M. Schneider Inc., Kitchener, Ontario, Canada

Piroska E. Balazs, Central Soya Co. Inc., Fort Wayne, Indiana (Szuha)

Linda W. Bell, Woodson-Tenent Laboratories, Gainesville, Georgia (Peden)

Peter F. Bishop, Herzog-Hart Corp., Boston, Massachusetts (Malone)

Mark D. Black, Kemin Industries, Des Moines, Iowa

Ivan Burkow, FTFI, Tromso, Norway

J. Philip Calvi, Tecator Inc., Herndon, Virginia (Berner)

Woon Peng Chan, Chemsain Konsultant Sdn. Bhd., Kuching, Sarawak, Malaysia

Luis Enrique Chavez, Refinadora de Maiz Venezolana C.A., Santa Rosa, Maracay, Venezuela

Lars C. Christensen, A/S De Dansue Sukkerfabrikker, Copenhagen, Denmark

Rodney G. Christianson, Cargill Inc., Wichita, Kansas

Luiz Antonio Martins Da Silva, Cliffs Indústria Química Ltda., São Paulo, Brazil

Timothy W. Ditto, Alcolac Inc., Miami, Florida (Lohr)

Fred H. Faas, McClellan VA Hospital, Little Rock, Arkansas

Louis W. Fahey, Bunge Edible Oil Corp., Kankakee, Illinois (Breitbart)

Joseph J. Fanelli, Alkaryl Chemicals Inc., Winder, Georgia (O'Lenick)

Diane D. Farris, Procter & Gamble, Cincinnati, Ohio

Mary E. Feeley, Rutgers University, Leonia, New Jersey (Ho)

Gregory J. Fischesser, Andrew Jergens Co., Cincinnati, Ohio

Ronald A. Fong, The Clorox Co., Pleasanton, California

Ahmed G. Hassam, Quest Vitamins (UK) Ltd, Birmingham, England (Shukla)

Steven E. Hill, University of Illinois, Urbana, Illinois (Perkins)

Michael E. Hollander, Rizzuti Hollander Inc., Skillman, New Jersey (Smouse)

Khin Maung Htwe, Ohio State University, Columbus, Ohio (Peng)



## Bailey Award

Timothy L. Mounts, leader of vegetable oil research at the U.S. Department of Agriculture's Northern Regional Research Center, Peoria, Illinois, has been selected to receive the 1988 Alton E. Bailey Award given by the North Central Section of AOCS.

The award will be presented at a dinner meeting, to be held Wednesday evening, Feb. 10, 1988, at the Holiday Inn in Countryside, Illinois, southwest of Chicago.

Mounts, who currently is vice president of AOCS, was selected in recognition of his outstanding contributions in the fields of fats, oils and radioisotope lipid metabolism. The award is named for Alton E. Bailey, a prolific author and researcher who served as the first editor for the reference known as *Bailey's Industrial Oil and Fat Products*.

Mounts has been a member of AOCS since 1961 and has been employed at the Northern Regional Research Center since 1957.

For reservations to attend the Bailey Award dinner, contact Larry Gavin, EMI Corp., 3166 Des Plaines Ave., Des Plaines, IL 60018, telephone 312-827-3164.

Manuel Jose B. Igual, Igual Commodities Corp., Metro Manila, Philippines

Yun C. Jao, Miles Inc., Elkhart, Indiana (Wan)

David L. Jividen, Chemical Associates Inc., Akron, Ohio (Zilch)

Jerrold Jocius, Breddo Food Products, Dolton, Illinois

K.S.K. Kannan, M/S Kamala Solvents Private Ltd., Dindigul, India

Steve A. Kennedy, Emery Chemicals, Cincinnati, Ohio (Zilch)

Dieter Koegler, Eirich Machines Inc., New York, New York

Christopher J. Kopas, Oilseeds International Ltd., Fresno, California (Kopas)

Melinda Kruse, Morton-Thiokol Inc. - Ventron Products, Danvers, Massachusetts

Carin I. Larsson-Backström, Kabivitrum AB, Stockholm, Sweden

Philip M. Love, McLeod Brothers Ltd., Dunedin, New Zealand (Winward)

Bernard G. Maisonneuve, Akzo Chemie Ltd., Sarnia, Ontario, Canada

Phillip W. Maloy, Betz Laboratories, Trevoise, Pennsylvania

Charles T. Marks, Eastman Kodak, Rochester, New York (Jacobs)

Gregory Mattern, Rutgers University, New Brunswick, New Jersey (Ho)

Elizabeth, F.K. McCandlish, Colgate-Palmolive, Piscataway, New Jersey

Danny L. Mercer, Calgon Carbon Corp., San Mateo, California (Carey)

Trevor Wayne Meredith, Solbar Hatzor Ltd., Ashdod, Israel

William H. Miele, Southern Testing and Research Laboratories Inc., Wilson, North Carolina

Ernest N. Miller, Agro Ingredients, Des Plaines, Illinois (Zwalnek)

Denis J. Murphy, University of Durham, Durham, England

Anthony M. Omelczenko, Fritzsche, Dodge & Olcott, New York, New York (Ho)

K. John Ott, Erco, Islington, Ontario, Canada

Deirdre M. Good Rees, Lipid Metabolism Laboratory, USDA/HNRC at Tufts, Boston, Massachusetts

## President's Club and Honor Roll

The AOCS members listed here have qualified for the 1987-88 AOCS President's Club or Honor Roll. Members who recruit at least one new member qualify for the President's Club; those recruiting three or more qualify for the Honor Roll. President's Club and Honor Roll members receive recognition at AOCS annual meetings. Forms for use in recruiting new members are available from AOCS Headquarters, PO Box 3489, Champaign, IL 61821-0489.

**Nine**  
K.T. Zilch

**Seven**  
E.J. Conkerton

**Six**  
E. Graves

**Five**  
D.L. Berner  
D.R. Erickson  
R.C. Hastert

**Four**  
E.W. Lusas  
M.D. Meiners

**Three**  
B.H. Butler  
C.T. Ho  
R.T. Holman  
R.G. Krishnamurthy

**Two**  
C.B. Amos  
R.J. Bertozzi  
J. Chavez-Peraza  
K.E. Holt  
H.F. Marshall Jr.  
D.B. Min  
A.C. Peng

E.G. Perkins  
B. Szuhaj

**One**  
P.B. Addis  
D.M. Bogdanor  
D. Breitbart  
K.C. Butler  
E.H. Carey  
K.F. Carlson  
R.M. Catiis  
S.S. Chang  
J.E. Covey  
M.F. Cox  
J.M. DeMan  
K.W. Dillan

J. DiMarco  
M.D. Erickson  
R.J. Evans  
A.M. Gavin  
F. Gustafsson  
E.G. Hammond  
L.A. Hawkins  
R.H. Hein  
A.S. Hodgson  
B.G. Hughes  
C.L. Huntley  
J.M. Iacono  
T. Jacks  
L.A. Jacobs  
J.D. Joseph  
R.S. Kadan  
P. Kalustian

F.P. Khym  
D.H. Klapprott  
G.A. Kopas  
J.W. Lohr  
E. Louis  
R. Malone  
B.A. Mateo  
O.W. Neiditch  
A.J. O'Lenick  
R.L. Ory  
D. Parton  
G.W. Patterson  
J.F. Peden  
G.L. Posschelle  
M.L. Pulliam  
S. Quinn-Mullin  
M.A. Reynolds  
L. Roman  
M. San Alberto Lasarte  
V.K.S. Shukla  
R. Sleeter  
T.H. Smouse  
P. Sosis  
D.C. Tandy  
C.G. vom Bruck  
P.J. Wan  
K. Warner  
N.R. Widlak  
G.F. Winnie  
G. Winward  
N.H. Witte  
T. Zwalnek

Jorge Ríos, Aceitera La Higienica S.A. de C.V., Guadalajara, Mexico (Chavez-Peraza)

Jed C. Seybold, W.R. Grace & Co., Baltimore, Maryland (Amos)

Alikan Sezgin, Trakya Yag San A.S., Tekirdag, Turkey (Erickson)

Steven Black-Chung Guan Sheng, Fairview Inspectorate and Adjusters, Singapore

John Sheperd, Ag Processing Inc., Omaha, Nebraska

Jim N. Siegel, Monsanto Co., St. Louis, Missouri

Edward R. Stasen, Harshaw/Filtrol

Partnership, Cleveland, Ohio (Hastert)

Leo J. Thielmann, GAF Corp., Wayne, New Jersey

Kathryn S. Topping, Sherex Chemical Co., Dublin, Ohio

Fred Versluis, Harshaw Chemie BV, De Meern, The Netherlands (Hastert)

Ya-Jane Wang, University of Minnesota, St. Paul, Minnesota (Addis)

Aung Win, Ohio State University, Columbus, Ohio (Peng)

Hans R. Zobelein, Henkel KGaA, Düsseldorf, West Germany