

• *Local Section News*

J. F. Mead Receives
Alton E. Bailey Award
From North Central Section

The North Central Section of the American Oil Chemists' Society is pleased to announce that this year's Bailey Award recipient was J. F. Mead, Professor of Biological Chemistry at the University of California, Los Angeles. L. A. Writting, of the L. B. Mendel Research Laboratory told the audience about Professor Mead's contributions to the field of Biochemistry. J. G. Endres, the Section's President, presented the award to Dr. Mead. The award read as follows: "In recognition of his exceptional contribution in the elucidation of the metabolism of polyunsaturated fatty acids."

The Section members would like to thank the Bailey Award Committee consisting of G. C. Rimnac, R. A. Reiners and F. A. Norris for their outstanding choice of recipient.

About the Medal

The North Central Section of the AOCS has established this Award to recognize outstanding research and exceptional service in the field of lipids and associated products. The medal commemorates Alton E. Bailey's great contributions to the field of fats and oils as a researcher, as an author of several standard books in the field, and as a leader in the work of the Society. Previous medalists were: 1959, V. C. Mehlenbacher; 1960, R. H. Potts; 1961, J. C. Cowan; 1963, A. R. Baldwin; 1965, T. P. Hilditch; 1966, D. Swern; 1967, W. O. Lundberg; 1968, H. J. Dutton; 1969, H. S. Olecott; 1970, H. E. Carter.

Sponsoring Companies for 1971

This year's sponsors of the Alton E. Bailey Award include the following companies: Anderson Clayton and
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J. F. Mead (left) and J. G. Endres (right).



Left to right: A. Tenny, J. Bonse and A. Bleakley.



Overall view of North Central Section Alton E. Bailey Award dinner.



Left to right: H. J. Dutton, J. F. Mead and R. H. Potts.



Left to right: B. A. Greenwell, F. A. Norris, J. F. Mead, R. A. Reiners and L. Spohr.



Left to right: J. F. Zak, T. L. Mounts and E. Emken.

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Company, CPC International, DeLaval Separator Company, General Mills, Inc., Kraftco Corporation R&D Division, Mead Johnson Research Center, Oscar Mayer and Company, Sargent-Welch Scientific Company.

About the Medalist

J. F. Mead, Professor of Biological Chemistry at the University of California, Los Angeles, is a Midwesterner who early in his career realized the advantages of living on the West Coast. Born in nearby Evanston, he went to Princeton for his undergraduate work, then on to California Institute of Technology for a PhD in Organic Chemistry. California obviously agreed with him because he has lived there ever since. In the next several years Dr. Mead continued his research at Cal. Tech. and then taught for a few years at Occidental College. In 1948 he accepted a position as Section Chief of the Atomic Energy Project at UCLA. This project evolved into the Laboratory of Nuclear Medicine and Radiation Biology where Dr. Mead is now Associate Director. Dr. Mead has taught at the UCLA School of Medicine since 1953. He was appointed Professor of Physiological Chemistry in 1957 and in 1963 assumed his present post.

Dr. Mead's contribution to lipid chemistry has centered on the metabolism of polyunsaturated fatty acids. He and his co-workers have contributed mightily toward our understanding of the pathway by which linoleic acid is converted to arachidonic acid. His recent work on brain lipids has shed new light in this difficult field.

Medal Address

After dinner Dr. Mead presented his talk entitled "The Biogenesis of the Brain Fatty Acids." The speaker mentioned a number of peculiar and interesting "tidbits" which he and his staff have discovered during their research on brain tissue. The fatty acids found in myelin are very long in chain length and contain both odd- and even-chained fatty acids. Many of them contain an alpha hydroxy fatty acid. In most tissues however, the longest chain length of fatty acid to be reported in the literature is 26 in carbon number. Why is this so? Dr. Mead humorously pointed out that at this point most GLC analysts want to go home and are exhausted of waiting for hours for peaks to come off. He found out one day that when his own GLC was accidentally left on all evening peaks were found on the chart paper which corresponded to fatty acids having a chain length of 36. Dr. Mead is trying to answer some of these puzzling questions: What are the long chain fatty acids doing in the brain? How do they get there? Are the brain lipids affected by dietary fatty acids? Dr. Mead's studies on rats whose livers have been removed indicated that the brain can synthesize fatty acids from the diet. He quite clearly showed this by using radioactive tracers. Dr. Mead then went on to explain some of the chain elongation mechanisms found in the microsomal and mitochondrial systems. After an interesting question and answer period, the meeting was adjourned.

• Obituary

D. E. MAYS, Vice President—Construction for Blaw-Knox Chemical Plants, Inc., Pittsburgh, Pennsylvania, died suddenly on February 26, 1971.

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• AOCS Detergent Short Course . . .

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J. K. Goerner



C. W. Liebert

Family." While much of the work reported on AOS is centered on use in heavy duty laundry powders, Mr. De Witt will describe efforts directed toward incorporating AOS into light duty liquid detergent products. Other raw materials of general interest will be covered on Tuesday evening in the session chaired by J. K. Goerner of Jefferson Chemical Co.

Registration

Members should have received their application forms in the mail by this time, and it is hoped that registration can be completed before arrival in Lake Placid. A fee of \$150 is payable in advance to the American Oil Chemists' Society, 35 E. Wacker Drive, Chicago, Illinois 60601. The fee covers room (double occupancy), buffet dinner on Sunday evening and all meals through lunch on Wednesday, June 16, as well as registration fees. Membership in AOCS is not a prerequisite for attending the course. Registration cost for wives for the three days will be \$100.

Beautiful Lake Placid Location

The Lake Placid setting for the meeting is a special attraction and a feature is the buffet supper and social evening arranged for Sunday, June 13. Active registration inquiries indicate that a good cross section of the Chemical and Detergent Industry will be represented and a good attendance is expected. Advance registrations should be sent to the American Oil Chemists' Society offices as soon as possible to assure accommodation.

Nowhere in all the world is there a more beautifully situated resort-hotel. Picturesque Whiteface is settled romantically on the shores of the serenely blue Lake Placid and surrounded by the majestic enchantment of the Adirondack mountains. Sights and scenery reminiscent of Switzerland give Whiteface enchanting Old World charm. Whiteface's 1000 resort-estate acres provide new vacation pleasures for all with an accent on sports.



W. J. DeWitt



J. M. Huggins