

# Award in Lipid Chemistry presented to Stumpf

P.K. Stumpf, winner of the Award in Lipid Chemistry, was presented a check for \$2500 by Waldo C. Ault, consultant, Applied Science Laboratories, State College, Pa., at the recent 48th Annual Fall Meeting.

In presenting the check to Stumpf, Ault expressed the Laboratories' confidence that, "a few dollars will encourage and facilitate your research."

The Award, presented to an outstanding scientist in the field of lipid chemistry, is financed by Applied Science Laboratories and administered by AOCS. Established in 1964, the Award in Lipid Chemistry recognizes the accomplishment of outstanding original research in lipid chemistry, the results of which have been presented through publication of technical papers of high quality. Preference is given to those actively associated with research in lipid chemistry who have made fundamental discoveries that affect large segments of the lipid field.

Stumpf's major discoveries and advances in knowledge in the areas of fatty acid biosynthesis and desaturation and of  $\alpha$ -oxidation and  $\beta$ -oxidation in a whole range of plant systems have affected a large part of the lipid field.

More specifically, his biosynthetic studies have a growing importance and relevance in these days of food raw materials' shortages and increasing dependence upon plant products as a source of these raw materials, particularly of fats and oils. Also, his original studies on lipid oxidation pathways already have led to the recognition of the biochemical deficiency responsible for the disease known as Refsum's syndrome.

Stumpf graduated magna cum laude from Harvard University. He received his Ph.D. from Columbia University in 1945. The author of ca. 150 articles in the lipid chemistry and biochemistry field, he is currently editor of *Journal of Phytochemistry* and *Analytical Biochemistry*.

In addition to being a member of AOCS, he is a member of the American Chemical Society, American Society of Biological Chemistry, American Society of Plant Physiologists, Biochemical Society of London, and Sigma Xi.

Stumpf is the eleventh winner of the Award in Lipid Chemistry. Previous winners were: Erich Baer, Ernest Klenk, H.E. Carter, Sune Bergstrom, Daniel Swern, H.J. Dutton, E.P. Kennedy, E.S. Lutton, A.T. James, and F.D. Gunstone. ■

## Before they become rare books...

... The AOCS publications described below are in short supply in AOCS headquarters inventory. To close out our supply of these items, we are offering—while they last—the remaining stock at a 50% or more discount from the original prices.

— 35-YEAR INDEX (1917-1952)—index covering The Chemists' Section of the Cotton Oil Press (vol. 1 through 7), *Journal of Oil and Fat Industries* (vol. 1 through 8), *Oil and Soap* (vol. 9 through 23) and *The Journal of the American Oil Chemists' Society* (vol. 24 through 29). Was \$5.00—Now \$2.50.

— 10-YEAR INDEX—index for the *JAOCs* from 1953 to 1962 (vol. 30 through 39). Was \$5.00—Now \$2.00.

— 5-YEAR INDEX—index for the *JAOCs* from 1963 to 1967 (vol. 40 through 44). Was \$5.00—Now \$2.00.

— SHORT COURSE LECTURES ON DRYING OILS—lectures from the short course held at the University of Minnesota in August, 1959. Topics included are general and research methods of analysis, extraction and refining methods for drying oils, synthetic drying oils and drying oils in varnishes and floor coverings. Was \$7.00—Now \$3.00.

— SHORT COURSE LECTURES ON DEVELOPMENTS IN FAT CHEMISTRY—held at Lehigh University in July, 1962, this set of lectures covers such topics as the history of fat chemistry, practical aspects of hydrogenation, fatty

peroxides, fatty acid derivatives and linolenate hydrogenation. Was \$7.00—Now \$3.00.

— SHORT COURSE LECTURES ON ADVANCES IN SOAPS AND DETERGENTS—held in June, 1963, at Princeton, New Jersey, this short course reviews manufacturing of soap, phosphate builders for detergents, detergents' role in water pollution and developments in biodegradability. Was \$7.00—Now \$3.50.

— LECTURES FROM LIPID MONOLAYER AND BILAYER MODELS AND CELLULAR MEMBRANES—Symposium lectures from the 58th Annual Spring Meeting held in May, 1967. Topics include classification of biological lipids, liquid crystals and living systems, lipid bilayers at a water-water interface and red blood cell lipids and the plasma membrane. Was \$7.00—Now \$3.50.

— LECTURES FROM BEHAVIOR OF LIPIDS AT INTERFACES AND IN BIOLOGICAL MEMBRANES—lectures from a symposium held at the 39th Fall Meeting in October, 1965. Topics included are lipid-protein interactions, lipids and the molecular structure of photoreceptors, control of fatty acid composition in glycerolipids and structural investigations on phospholipids from membranes. Was \$7.00—Now \$3.50.

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