

15/5/29

Liberal Arts & Sciences

Chemistry and Chemical Engineering

Herbert E. Carter Papers, 1935, 1938-44, 1956-60, 1963

Box 1: Food Protection Committee; Carcinogenesis, 1956-57

Food Protection Committee 1956-1958

Correspondence and notes connected with the National Academy of Sciences and National Research Council's Food and Nutrition Board-Food Protection Committee on which Dr. Carter was a member, including notifications of meetings; travel vouchers; news letters of the Industry Committee of the Industrial Liaison panel of the Food Protection Committee; letters to and from Paul E. Johnson, executive secretary of the committee, and William J. Darby, chairman; announcements concerning Carcinogenesis subcommittee and proceedings of Eighth Annual Meeting of the Liaison Panel of the Food Protection Committee, December 11-12, 1958.

Food Protection Committee, 1959

Correspondence and notes of committee meetings; proposal on solution of problems concerning estimating the potential toxicity of food additives; newsletters of the Industrial Liaison Panel; Summary: Induced Radioactivity in Irradiated Foods Subjected to electron bombardment; nomenclature of food additives; Brochure: Food Protection Committee, Jan., 1959; report on subcommittee on Toxicology, July, 1959; Review of Food Protection Committee Activities during 1959; Proceedings of the Ninth Annual Meeting of the Liaison panel of the Food Protection Committee, Dec. 9-10, 1959.

Food Protection Committee, 1960

Brochures: Food Chemicals Codex Project, "What Consumers Should Know about Food Additives," committee meeting notices, agenda, notices, correspondence, newsletters of Industry Committee of the Industrial Liaison Panel; Report to Task Group on flavor additives; confidential draft of Tolerances for pesticide residues in milk, July, 1960; letter from William J. Darby, chairman of Food Protection Committee expressing appreciation of Dr. Carter's services to the committee prior to his resignation on June 30, 1960. Copy of award for Distinguished Food Law Services to the American People presented to the Food Protection Committee by the Food Law Institute, Inc., Nov. 28, 1960.

Carcinogenesis Subcommittee Reports - 1959

Preprint of Food Additives document proposed definitions and procedural and interpretative regulations; meeting notes in longhand; report of subcommittee on Carcinogenesis: Problems in evaluation of Carcinogenesis Hazard from Use of Food Additives, June, 1959; production of liver tumors in rats; committee meeting notices, correspondence.

Carcinogenesis - Tentative reports and related documents - 1956

Statement of what we know about possible relationships between cancer and food additives, Dec., 1956; Report of the Ad Hoc Subcommittee on Dietary Carcinogenesis; International Union Against Cancer, Report on symposium on Potential Cancer Hazards from Chemical Additives and contaminants to Foodstuffs, August, 1956. Report of the Food and Drug Administration Advisory Committee to consider aramite problems of food safety.

Carcinogenesis - tentative reports and related documents - 1957

Questions for panel discussion - Questions proposed by Liaison Panel Representatives for consideration by Dr. Stewart and panel. Letter from Dr. A.A. Nelson, Medical Officer, Division of Pharmacology, Bureau of Biological and Physical Sciences concerning

Dietary Carcinogenesis, nov. 22, 1957. Report on Polycyclic Aromatic Hydrocarbons. Clinical Structure and Carcinogenic activity, Sept. 16, 1957. "Pilot Studies", Criteria for the evaluation of cancerization hazards by Prof. Rene Truhaut, June, 1957. Correspondence and meeting notices.

Box 2: Carcinogenesis, 1958-60; Reprints, 1935, 1938-44, 1963

Carcinogenesis - Tentative Reports and Related Documents, 1958

Report of subcommittee on carcinogenesis, Oct. 8, 1958; Letters on methods for estimating carcinogenicity from Food and Drug Research Laboratories and Hagleton Laboratories. University of Miami, School of medicine Letter referring to Aramite; list of chemicals which one carcinogenic when given S.C.

Carcinogenesis - Tentative Reports and Related documents - 1959

Draft: Problems in the evaluation of Carcinogenesis Hazard from use of Food Additives, Sept., 1959. Report of a meeting of the Committee on Milk, Food and Nutrition Board concerning Radionuclides in milk and milk products with particular reference to strontium-90, Sept. 29-30, 1959. Copy of C & E special report on Cancer, Oct. 12, 1959. Prepublication draft of Problems in the Evaluation of Carcinogenic Hazard from the Use of Food Additives, november, 1959. Environmental Radiation and Cancer, by Harold F. Blum.

Carcinogenesis - Tentative Reports and related documents, 1960

The role of certain chemical and physical agents in the Causation of Concerns by Dr. C. Burroughs Mider, Jan., 1960. Statement by Arthur A. Flemming, secretary of Health, Education and Welfare, Jan. 26, 1960.

Reprints of articles published 1935-1944; Herbert E. Carter, Philip Handler, & Donald B. Melville

Azlactones I. Preparation of Benzoyl - Aminocrotonic Acid Azlactone and the Conversion of Allothenonine to Thenonine; The Journal of Biological Chemistry. v. 129. no. 1, July, 1939.

Carter, Herbert. The Metabolism of Norleucine, Isoleucine, and Valine I. The synthesis of some phenyl derivatives: Jrl. of Biol. Chem. v. 108, no. 3, March, 1935.

Carter & Edward J. Van Loon. Beta-Phenylnaphthalene - reprinted from the Journal of American Chemical Society, 60, 1077 (1938).

Carter & Philip Handler. Metabolism of N. Alkyl Derivatives of Amino Acids. reprinted for the Proceedings of the Society for Experimental Biology and Medicine, 1939, v. 41, 347-348.

Carter & Carl M. Stevens. Azlactones II Azlactone formation in glacial and in aqueous acetic acid & Preparation of Benzoyl-Aminocrotonic Acid Azlactone II. Jrl. of Biol. Chem. v. 133. no. 1, March, 1940.

Carter & Donald B. Melville: Synthesis and determination of the Lipotropic Activity of the Betone Hydrochloride of de-Aenine, de-Theonine, and de-Allothreonine. Jrl. of Biol. Chem. v. 133. no. 1, March, 1940.

Carter & Edward J. Van Loon. d-Hydroxy-B, B-dimethyl-o-butyrolactone - Jrl. of the Am. Chem. Society. 63, 321 (1941).

Carter, H. The Oxidation of Branched-Chain Fatty Acids; reprinted from Biological Symposia, vol. 5, 1941.

- Carter & Carl M. Stevens. Benzoylation of Amino Acids. *Jrl. of Biol. Chem.* v. 138, no. 2, April, 1941.
- Carter, Philip Handler, & Carl M. Stevens. Azlactones III. Acylation of Amino Acids in Pyridine. *Jrl. of Biol. Chem.* v. 139. no. 1, May, 1941.
- Carter & William C. Risser. Azlactones Preparation of Benzoyl-o-Amino-Cinnamic Acid Azlactones I and II. The Use of Phenethylamine in the Purification of o-Amino-B-Methoxy (Hydroxy) Acids. *Jrl. of Biol. Chem.* v. 139. no. 1, May, 1941.
- Carter & Luman F. Ney. Synthesis of a-Bromo-B-Methoxy-n-Butyric Acid. *Jrl. of the American Chemical Society.* 64, 1223 (1942).
- Carter, Francis J. Glick, William P. Norris, & George Phillips. The Structure of Sphingosine. *Journal of Bio. Chem.* v. 142, no. 1, Jan., 1942.
- Carter & William P. Norris. Isolation of Dihydrosphingosine from Brain and Spinal Cord. *Jrl. of Biol. Chem.* v. 145, no. 2, Oct., 1942.
- Carter & C.E. Phillips. The Nutritive Value of Yeast Proteins. *Federation Proceedings* published by Federation of American Societies for Experimental Biology, June, 1944.
- Carter, Herbert. Synthesis of o-Amino-B-Hydroxy-n-Butyric Acids, *Journal of Bio. Chem.* v. 112, no. 2, Jan., 1963.

Box 3: Committee Minutes and Correspondence, 1957-70

- University Education Problems, 1957-58
- Committee on Year-Round Operations (2 folders), 1960-63
- Bureau of Higher Education Faculty Advisory Committee (2 folders), 1963-65
- Graduate College, Dean's File, 1963-67
- Senate Budget Committee, 1964-69
- Postdoctoral Report, Pines Committee, 1965
- General Education Committee, LAS, 1966-67
- Federal Relations Council, 1966-67
- Illinois Citizens' Committee for Teacher Education, 1966-67
- Center for Advanced Study, Minutes, 1966-67
- Fellow Applicants, 1967-68
- Urbana Council on Teacher Education, 1969-70

Box 4:

Honors

- Department of State Delegate Papers: Conference of the International Union of Pure and Applied Chemistry, 1951, 1953
- Clippings, 1954-71
- Congratulatory Correspondence, 1964-82
- William H. Nicholas Medal- speech, publicity, correspondence (2 folders), 1964-65
- AOCS Award in Lipid Chemistry, correspondence, 1966-67
- Spencer Award- speech, publicity, correspondence, 1968-69
- Alton E. Bailey Award- publicity and correspondence, 1970
- Thomas Jefferson Honorary Degree, correspondence and photographs, 1975
- H.E. Carter Symposium, correspondence, 1990
- Correspondence, job offers, 1940-63
- Photographs, 1948-80
- Correspondence, general, 1954-55
- Correspondence, Ed Schantz of U.S. Army Biological Warfare Laboratories, 1954-60

Notes for Trip to Russia, 1959
Reprints, 1969-70
Correspondence, general, 1969-71
Poem on the occasion of Carter's move to Arizona, 1971
Unveiling of Carter Portrait in Chemistry Library, photographs, 1971
Roger Adams Lab Dedication, audiotape reel, 1972
Interview Transcript- National Science Board Oral History Project, 1983
Correspondence, general, 1985
Honorary Degrees
 Doctor of Science, DePauw University, 1952
 Doctor of Science, University of Illinois, 1974
 Doctor of Science, Indiana University, 1974
 Doctor of Humane Letters, Thomas Jefferson University, 1975
 Doctor of Science, University of Arizona, 1984
Certificates
 Phi Kappa Phi Membership, 1952
 American Society of Biological Chemists Citation for Distinguished Service, 1961
 Certificates of Appreciation, University of Illinois, 1965, 1971
University of Arizona Commencement Medal, 1985
Thirteenth International Congress of Pure and Applied Chemistry- Commemorative Plate, 1953
Date Books, 1960-94
Plaque of Appreciation from the College of Veterinary Medicine, 1971

Oversize Box 30:

Diploma- DePauw University Bachelor of Arts, 1930
Diploma- University of Illinois Master of Arts, 1931
Diploma- Member of the National Academy of Sciences, 1953
Diploma- University of Illinois Doctor of Arts, 1934
American Academy of Arts and Sciences Certificate, 1966
Diploma- Thomas Jefferson University Doctor of Humane Letters, 1975
Presidential Certificates of Appointment to National Science Board 1964-70 (4)
The American Institute of Nutrition Fellow Certificate 1980
Photograph of Carter with Lyndon Johnson, 1967
Executive Order designating Carter as Chairman of the President's Committee on the National Medal of Science
The American Institute of Chemists Certificate of Membership, 1965
impact '67 University of Illinois Centennial issue, 1967