State of Tennessee
Department of State
Tennessee State Library and Archives
403 Seventh Avenue North
Nashville, Tennessee 37243-0312

OTIS COLLECTION OF
AMERICAN SOCIETY FOR TESTING MATERIALS
RECORDS
1954-1961

Processed by:
Harriet Chappell Owsley
Archival Technical Services

Accession Numbers: 648, 912
Date Completed: May 7, 1962
Location: III-C-4
INTRODUCTION

The Otis Collection of data of the American Society for Testing Materials (ASTM) Records were given to the Manuscript Section by Marshall B. Otis, member of the Advisory Board of the Office of Critical Tables, Committees on Information Storage and Retrieval of the American Society for Testing Materials, and Engineers Joint Council on Information Processing.

The materials in this finding aid measure 1.2 linear feet and include approximately 900 items. Literary rights in the unpublished data in the Otis Collection are subject to the approval of the American Society for Testing Materials.

Single photocopies of unpublished writings in the Otis Collection of data of the American Society for Testing Materials may be made for purposes of scholarly research.

SCOPE AND CONTENT

The Otis Collection of ASTM Records contains approximately 900 items representing the years 1954 to 1961. It deals with the activities of Mr. Marshall V. Otis with the American Society for Testing Materials and the Office of Critical Tables of the National Academy of Sciences. The collection contains correspondence, information bulletins, minutes of meetings, coding data, and reports covering the work in organizing information storage and retrieval programs in the United States and abroad. The correspondence was with many eminent scientists in the United States, England, France, Germany, and Switzerland. Included are the names of Robert L. Bowman (National Heart Institute), Fleur C. Byers (National Research Council), George L. Covert (Industrial Laboratory, Wilmington, Delaware), Carrol E. Creitz (Secretary, Committee on Spectral Absorption Data), R.E. Hess (Technical Secretary, ASTM), Robert C. Hirt (American Cyanamid Co.), Raymond Hopkins (Standard Oil Co.), M.D. Huber (Assistant Technical Secretary, ASTM), Robert J. Jakobsen (Battelle Memorial Institute), Westcott C. Kenyon (Chairman, Standard Data Subcommittee, ASTM), L.E. Kuentzel (Wyandotte Chemical Corp.), M.G. Mellon (Professor, Analytical Chemistry, Purdue University), Robert T. O'Connor (Physics Unit, U.S. Dept. of Agriculture), R.J. Painter (Executive Secretary, ASTM), Thomas V. Parke (Chairman Subcommittee on Standard Data, ASTM), R.F. Robey (Secretary, Committee on Absorption Spectroscopy), E.J. Rosenbaum (Chairman, Committee on Absorption Spectroscopy), Philip Sadtler (Sadler Research Laboratories), Eugene Sawicki (Cancer Research, University of Florida), Richard E. Seeber (National Airline Division, Chemical Corporation), Charles Lea Smith and Clara D. Smith (Battelle Memorial Institute), Frank Y. Speight (Assistant Technical Secretary, ASTM), J.M. Vandenbelt (Parke, Davis & Co.), and Guy Waddington (National Academy of Sciences and National Research Council).
# CONTAINER LIST

**Box 1**
5. Absorption Spectroscopy – Committee Reports, 1954-1960
8. Absorption Spectroscopy – Information Bulletins, undated
10. Absorption Spectroscopy – Minutes of Meetings, 1958-1959

**Box 2**
6. Correspondence, Incoming – Huber, M.D., 1956-1959
15. Correspondence, Incoming – Sadtler - Sawicki, 1954-1961
18. Correspondence, Incoming – Speight - Swick, 1956-1962

**Box 3**
1. Correspondence, Outgoing – 1954
2. Correspondence, Outgoing – 1955
3. Correspondence, Outgoing – 1956
4. Correspondence, Outgoing – 1957
5. Correspondence, Outgoing – 1958
6. Correspondence, Outgoing – 1959
7. Correspondence, Outgoing – 1960
8. Correspondence, Outgoing – 1961-1962
14. Programs, 1956-1961
15. Reports, Agenda, etc., 1956-1961
17. Xray Data
21. Tentative program, program, roster, of 4th Institute on Information Storage & Retrieval (1962). Biographical sketches included for the following: John Sherrod, Bernard K. Dennis, (Mrs.) Helen L. Brownson, William B. Kehl, Cloyd Dake Gull, Karl F. Heumann
NAME INDEX

This is a name index of only the correspondence in the Otis Collection of American Society for Testing Materials, together with the dates of the letters and information regarding their contents. The figures in parentheses denote the number of letters, if more than one. The last numbers refer to the box and folder in which the material is to be found.

Anderson, Scott (2) 1958, Anderson Physical Laboratory, Champaign, IL
Badger, G.M. (1) 1955, University of Adelaide, South Australia
Baptie, A.L. (1) 1958, Microcard Corporation
Batik, Albert L. (1) 1957, Secretary ACDA of ASTM
Bedard, Marcel (1) 1955, Quebec
Bishop, Charles (2), 1957, University of Buffalo, Buffalo, NY
Biske, Vivian B. (1), 1958, Former Secretary of Spectroscopers
Bohon, Robert L. (2), 1955, 1957, Anderson Physical Laboratory, Champaign, IL
Boros, Louis (1) 1960, Dayton, OH
Bowman, Robert L. (6) Chief, Laboratory of Technical Division, National Heart Institute, Bethesda, MD
Brattain, Robert (1) 1957, Shell Development Company, Emeryville, CA
Brent, Bernard J. (1) 1960, S.E. Massengill Company, Pharmaceuticals
Bronk, D.W. (1) 1957, National Academy of Sciences
Byers, Fleur C. (3) 1955, 1956, National Research Council
Cameron, D.R. (11) 1956, Picatinny Arsenal, Dover, NJ
Campbell, Chas. I. (1) 1958, International Conference on Scientific Information
Carlson, Walter M. (1) 1962, Engineers Joint Council, NY, NY
Carman, F.H. (1) 1960, Manufacturing Chemists’ Association, Inc., Washington, DC
Chipault, J.R. (1) 1959, University of Minnesota
Clark, Carl (2) 1957, Aviation Medical Acceleration Laboratory, Johnsville, PA
Clark, J.K. (1) 1962, Standard Oil Company, Cleveland, OH
Cleveland, Forrest F. (1) 1958, Professor of Physics, Illinois Institute of Technology, Chicago
Collins, T.P. (1) 1960, IBM Corporation
Corin, C. (1) 1957, Universite de Liege, Belgium
Costello, John C. Jr. (1) 1961, du Pont de Nemours Company, Wilmington, DE
Covert, George L. (1) 1956-1958, Industrial Laboratory
Coy, N.H. (1) 1955, Department of Physics, Squibb Institute, New Brunswick, NJ
Creager, William A. (1) 1962, National Science Foundation, Washington, DC
Creitz, E. Carroll (8) 1955-1958, Secretary, Committee on Spectral Absorption Data
Crisler, R.O. (2) 1955, 1957, Proctor & Gamble Company (1) 1960
Curran, R.T. (1), Kingsport, TN
Czech, Fred P. (1) U.S. Department of Commerce (1), 1960
Dafni, A. (1) 1958, Martin Company, Denver
Damron, Charlotte M. (1) Smithsonian Institution, Washington, DC
Dante, Alfred (2) 1960, Carnegie Institute of Technology, Pittsburg, PA
Darby, Ralph L. (3) 1957, Information Management Division, Battelle Memorial Institute, Columbus OH
Davison, P.S. (7) 1961-1962, Director, Scientific Documentation Centre, England
Dickson, Mary E. (3), 1957-1958, Membership Committee Records
Dunlop, Edward C. (1) 1957, ASTM Committee
Dyke, Freeman H., Jr. (9) 1962, Jonker Business Machines, Inc., Gaithersburg, MD
Easterday, Ortho D. (1) 1955, Brookhaven National Laboratory, NY
Elderfield, Robert C. (1) 1960, National Academy of Sciences
Endicott, Kenneth M. (1) 1955, Chief, Cancer Chemotherapy, National Service Center
Ferrel, Robert D. (1) American Society for Metals, Metals Park, OH
Frost, F.C. (1) 1959, Civil Engineer, American Standards Association
Fry, Bernard M. (2) 1962, Acting Head, National Science Foundation
Garfield, Eugene (1) 1962, Director, Institute of Scientific Information, Philadelphia, PA
Goulart, Edward (1) 1962, Massachusetts Institute of Technology, Lexington, MA
Hattery, Lowell H. (1), Director, The American University
Hess, R.E. (7) 1958-1960, Technical Secretary, ASTM, 1961 (3)
Heumann, Karl F. (1) 1955, Director, Chemical-Biological Coordination Center, National Research Company
Hickerson, J.F. (1) 1956, Humble Oil & Refining Company
Hirt, Donald V. (1) 1956, MD, Council Bluffs, IA
Hirt, Robert C. (4) 1956-1957, American Cyanamid Company
Hoffman, Dietrich (1), Ph.D., Sloan-Kettering Institute for Cancer Research, NY, NY
Hopkins, Raymond R. (3) 1955-1956, Standard Oil Company
Horton, A. Wesley (2) 1955, University of Cincinnati
Howard, James H. (1) 1962, The American University, Washington, DC
Huber, M.D. (53) 1956-1959, Assistant Technical Secretary, ATSM
Humphrey, Hubert (1) 1958, U.S. Senate, MN
Javage, Elaine C. (Mrs.) (1) 1962, Rohn & Haas Company
Isaac, Raymond (2) 1958, Head, Absorption Laboratory
Jacob, Lorraine H. (2) 1958, Chemist, Temp “A” Building
Jakobsen, Robert J. (4) 1957, Battelle Memorial Institute, Columbus, OH
Jessup, John N. (2) 1955, Food Machinery and Chemical Corporation
Johnson, Ed (1) 1959, Editor, Industrial Laboratories
Jones, R. Norman (1) 1958, Chemistry Division, National Research Council
Kent, Allen (2) 1958, Western Reserve University, Cleveland, OH
Kindler, Herbert S. (1) 1957 Instrument Society of America
King, (Miss) A.P. (1) 1962, United Kingdom Scientific Mission, Washington, DC
Kuentzel, L.E. (41) 1955-1962, Vice Chairman, Committee on Absorption Spectroscopy, ASTM, Wyandotte Chemical Corporation, Wyandotte, MI
Lambropoulos, Michael (1) General Foods Corporation, Instrument Analysis Section
Lindner, V. (1) 1955, Ordnance Corps, Picatinny Arsenal, NJ
Lipetz, Ben-Ami (1) 1962, Itek Laboratories
Livingston, George A. (1) 1957, Chemical-Biological Coordination Center, National Research Council
McMahon, Edward M. (1) 1958, Research Laboratories, Tennessee Eastman Company, Kingsport, TN
McNamara, Bernard P. (2) 1962, Ph.D, U.S. Army Chemical Research & Development Laboratory, Aberdeen Proving Ground, MD
McNamee, Joan (1) 1962, American Society for Testing and Materials
Maclennan, J.S. (1) 1962, American Cynamid Company, Woburn, MA
Martindell, Jackson (1) 1960, American Institute of Management
Mellon, M.G. (2) 1957, Professor, Analytical Chemistry, Purdue University
Miller, Russell F. (1) 1960, Virginia Polytechnic Institute
Minder, E.T. (1) 1958, Executive Secretary, NY Academy of Sciences
Monkman, J.L. (1) 1961, National Health & Welfare [Canada]
Moore, Paul (6) 1957-1958, Battelle Memorial Institute, Columbus, OH
Muel, Bernard (2) 1958, Assistant, Radium Institute, Paris, France
Myatt, DeWitt O. (1) 1962, Science Communication, Inc.
Newman, Melvin S. (1) Chemistry Department, Ohio State University
Nielsen, Harald H. (1) Physics Department, Ohio State University
Norwick, Braham (1) 1959, Beaunit Mills, Inc.
Nowak, Ilidiko D. (1) Supervisor, Special Libraries Association, Translator Center
Orlow, David Z. (1) 1961, Index and Retrieval Systems
Painter, R.J. (5) 1957-1958, Executive Secretary, ASTM, 1960
Parke, Thomas V. (8) 1955-1957, ASTM Chairman, Subcommittee on Standard Data
Parker, A.K. (1) 1956, Managing Editor, English Group Molecular Spectroscopy Publishers
Parks, W. George (1) 1961, Director, Chemistry Department, University of Rhode Island
Patterson, W.A. (1) 1955, Head, Flame Research Laboratory
Pfaff, O. (1) 1962, Sadtler Research Lab
Pinchas, S. (2) 1955, Weizmann Institute of Science
Quinn, Richard R. (1) 1961, Secretary, ASTM Committee on Radioisotopes and Radiation Effects
Radford, R.D. (1) 1956, Chemistrand Corporation
Raymond, D.J. (1) 1958, Pergamon Institute
Rice, C.N. (1) 1962, Eli Lilly & Company
Robey, R.F. (20) 1955-1958, Secretary, Committee on Absorption Spectroscopy, ASTM
   Esso Laboratory, Chemical Division, Standard Oil
Roe, E.M.F. (4) 1955, Spectroscopist
Rose, Ralph E. Jr. (1) 1961, Manager, Data Processing Department, Churchfield Coal Company
Rosenbaum, E.J. (23) 1956-1959, ASTM Chairman, Committee on Absorption Spectroscopy, Sun Oil Company
Sandeman, I. (1) 1961, Editor, English Group, Documentation of Molecular Spectroscopy
Sawicki, Eugene (4) 1954-1955, Cancer Research, University of Florida
Seeber, Richard E. (11) 1959-1962, National Airline, Division, Chemical Corporation
Shapira, Jacob (1) 1955, University of Illinois
Shocket, A. (1) 1955, Frankfort Arsenal, Philadelphia, PA
Skolnik, Herman (1) 1961, Hercules Powder Co.
Shubik, Philippe (2) 1955, Chicago Medical School
Slaunwhite, W. Roy, Jr. (4) 1955, Roswell Park Memorial Institute, Buffalo, NY
Smiley, I.E. (1) 1955, Diamond Alkali Company
Smith, A. Lee (1) 1955, Dow Corning Corporation, Spectroscopy Laboratory
Smith, Charles Lea (6) 1957, Battelle Memorial Institute
Smith, Clara D. (15) 1955-1961, Battelle Memorial Institute
Smith, D.C. (1) 1955, Phillips Petroleum Company
Speight, Frank Y. (17) 1958-1961, Assistant Technical Secretary, ASTM
Stevenson, D.G. (1) 1957, Imperial Chemical Industries
Stith, R.O. (1) 1956, Battelle Memorial Institute
Stremba, Henry J. (1) 1956, Editorial Assistant, ASTM
Swick, Dana F. (1) 1956, City Schools, Kingsport, TN
Taylor, T.M. (1) 1960
Tertian, R. (1) 1960, Pechiney, Aubervilliers
Thompson, H.W. (1) 1956, St. John’s College, Oxford
Typer, W.P. (2) 1957, Subcommittee IV, ASTM
Vingiello, Frank A. (4) 1956-1961, Virginia Polytechnic Institute, Blacksburg, VA
Volwiler, E.H. (1) 1958, National Academy of Sciences, National Research Council
Waddington, Guy (13) 1958-1962, National Academy of Sciences, National Research Council
Ward, W.M. (1) 1955, Beckman Instruments, CA
Welt, I.D. (1) 1955, National Research Council
Whetsel, Kermit (1) 1960
Williams, Van Zandt (1) 1955, Perkin Elmer Corporation
Wright, George F. (1) 1959, University of Toronto
Wyman, L.L (1) 1959, ASTM