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Engineering

Physics

F. Wheeler Loomis Papers, 1920-1976

Box 1: Oral History interview and publications

"Life with Wheeler in the Physics Department, 1929-1940," by Gerald M. Almy, May 24, 1957

"Contributions to Physics of F.W. Loomis," July 27, 1959

Oral history interview, taped on Nov. 19, 1965 - includes transcript of interview

Bibliography of F.W. Loomis, 1959, and the following publications:

Copies of technical articles written between 1920 and 1940, 19 out of a total of 28

"Can Physics Serve Two Masters?" Loomis' address to the American Physical Society in New York on Feb. 3, 1950, printed in Bulletin of the Atomic Scientist of April 1950

Memorial essay for Louis Nicot Ridenour, in Physics Today, Sept. 1959

Five Years at the Radiation Laboratory, M.I.T., A yearbook of the wartime laboratory where Loomis served as Associate Director

Radar: a bound copy of April, 1944 to November, 1945 issues of a military magazine

"Report of the Scientific Personnel Committee, U.S. Atomic Energy Commission," Oct. 6, 1947 A study of personnel management in the A.E.C., submitted by Loomis, as committee chairman

Box 2: Correspondence 1932-33, 1945-47, 1957-60

Correspondence with Jaques Cattell, 1932: concerns entry in Directory of American Men of Science

American Institute of Physics, Publications: Allison apparatus test, 1933

Radiation Laboratory, 1940-42, 1945

Folder includes correspondence and a March 11, 1946 report by Loomis entitled "On Certain Aspects of the Administration of the Radiation Laboratory"

Photographs, 1945-76, 1950, 1957-58, 1961

V-E Day Convocation (2), 1945 (Found in OS-23)

Joint Dinner of the American Physical Society and the American Association of Physics Teachers, 1950 (Found in OS-23)

Portraits of F. Wheeler (2), 1957 (Found in OS-23)

Development of Radar B.T.O. Poster, 1945 (Found in OS-23)

Archives Interview, 1965

G. Almy Physics Department History, 1967

Honorary Doctor of Science Degree, Illinois, 1969

Teaching of Physics, 1972-73

Howard & Physics in the 1920's, Engineering College Award, 1973

Memorial & Obituaries, 1976

Outgoing correspondence--Reading File, Aug. 16 to Dec. 19, 1957

Subjects include National Academy of Sciences (Section of Physics), high school physics texts, Control Systems Laboratory staffing.

Outgoing correspondence--Reading File, Jan. to Dec., 1958

Subjects include National Academy of Sciences (Section of Physics), a proposed exchange with USSR scientists, resignation from the Scientific Advisory Committee of the Ballistic Research laboratory, a joint project with the Massachusetts Institute of Technology, meetings of the American Physical Society and Control Systems Laboratory matters.

Outgoing correspondence--Reading File, Jan. to June, 1959

Subjects include National Academy of Sciences affairs, a biographical piece on Louis Ridenour, and physics department matters

"Personal" correspondence--Reading File, 1952, 1957, 1959

Includes notes pertaining to the inspection of the Ohio University Physics Department upon their request to start a Ph.D. program, and correspondence concerning the budget of the Control Systems Laboratory

"General" correspondence, 1959

Subjects include Navy Office of Ordnance Research, recommendations and refereeship for the Journal of Molecular Spectroscopy

"General" correspondence, 1960

Subjects relate to Loomis' status as consultant with Norden Division of United Aircraft Corporation, National Science Foundation and National Academy of Sciences

Box 3: Correspondence: A-O, 1949-72

General correspondence, A, 1957-65, 1972

Aberdeen Proving Ground (for ballistic research), Atoms for Peace Awards, Inc., and American Institute of Physics

General correspondence, B, 1954-58, 1963-65

Loomis; recommendation to the Nobel Committee for Physics that an award be offered to John Bardeen and William Shockley

General correspondence, C, 1953-63

Correspondence with Karl T. Compton, 1946, concerning an offer to Loomis of the Directorship of the Northeastern Laboratory

General correspondence, D, 1953-61

Subjects include American Physical Society, recommendations, and lobbying for the International Education Exchange program

General correspondence, E, 1955-59

General correspondence, F, 1952-58

Administration of the Control Systems Laboratory and details about the Bartol Research Foundation of the Franklin Institute

General correspondence, G, 1953-64

H, 1956-58, 1963

I, 1956, 1958

K, 1953-63, 1970

Correspondence with Polycarp Kusch, 1961-67, concerning an honorary degree of Doctor of Science bestowed on Kusch on June 17, 1961

General Correspondence, L, 1957-64, 1968

Lincoln Laboratory of M.I.T.

"The Future of Physics" -- APS, 1949

Notes for lectures and speeches given by F. Wheeler Loomis for the American Physical Society on Sept. 29, 1949

General correspondence, M, 1955-60

Subjects include nominations for the Cosmos Club of Wash., D.C.

MASERS, notes of Loomis, 1954-57

General correspondence, N, 1952-59, 1965

Correspondence with Charles Newton 1948, 1966

Subject of correspondence concerns the Yearbook of the Radiation laboratory of M.I.T.

General correspondence, O, 1952-59

Correspondence concerning the Operations Evaluation Group, 1962

Correspondence about Operations Evaluation Group, a Navy organization for research at M.I.T., and the 20-year anniversary conference in May of 1962

Correspondence with J. Robert Oppenheimer, 1949-56

Oppenheimer's Security Clearance Case before the Atomic Energy Commission in 1954. Folder includes letters, newspaper clippings, Federation of American Scientists Bulletins, and petitions concerning the case

Box 4: Correspondence: P-Z, 1946-76

General correspondence, P, 1953-76

Includes memorial presented at Engineering College Faculty Meeting (Sept. 1976), for F.W. Loomis (died Feb. 9, 1976)

Personnel Security Questionnaire, 1960

Notes, forms and correspondence concerning clearance for consultantship with the Operations Evaluation Group at M.I.T.

Physical Science Study Committee, 1956-58

Correspondence between the University of Illinois physics department and M.I.T. committee concerning the development of a new curriculum for high school physics, and the financial matters of the group active at Illinois under Loomis

General correspondence, R, 1954-65

Consultation with Rice University in Houston, Texas, and Ohio University in Athens, Ohio. Also included are materials relating to the Bulletin of the Atomic Scientists.

Correspondence concerning Louis Ridenour, 1959

Includes drafts of a biographical article on Ridenour following his death in May 1959

General correspondence, S, 1946-60, 1965, 1972-73

Correspondence with the Special Projects Office of the Department of the Navy, 1962-66

Correspondence with Jacinto Steinhardt, 1960-62

Concerning the Operations Evaluation Group of the Navy, of which Steinhardt was the director; materials include defense strategy position papers and meeting agendas

"Scientists and Engineers for Johnson-Humphrey," 1964

General correspondence, T, 1953-60

Institute for Defense Analysis matters, and an affidavit for Abraham Taub needed for the latter's job as consultant with the Los Alamos Scientific Laboratory

Correspondence with L.T.E. Thompson, 1959-60

General correspondence, U, 1956, 1961

"Units": notes for lecture, 1946-

Article reprints (1946) and notes (25 pp., undated) concerning measurement theory and electromagnetic units, for a seminar given for Illinois physics department

General correspondence, V, 1954-55, 1965

W, 1951-64

Z, 1949-53

Major correspondents in the Loomis Papers:

Samuel K. Allison, Louis W. Alvarez, Richard T. Arnold, H.A. Baron, Gilberto Bernardini, Robert B. Brode, George B. Collins, Karl T. Compton, Karl K. Darrow, Everett M. Dirksen, Hugh L. Dryden, Lee A. DuBridge, William H. Fields, Nathaniel H. Frank, James M. Gavin, Edwin L. Goldwasser, Samuel A. Goudsmit, Wayland Griffith, William J. Horvath, Elmer Hutchinson, Robert M. Kent, Robert A. Kromhout, Polycarp Kusch, Edwin M. McMillan, Charles Newton, Arnold Nordsieck, Otto Oldenburg, J. Robert Oppenheimer, Carl Overhage, W.K.M. Panofsky, Lyle W. Phillips, Eugene Rabinowitch, Charles A. Randall, Louis N. Ridenour, Frederick Seitz, Jacinto Steinhardt, Abraham H. Taub, L.T.E. Thompson, Alan T. Waterman, Eugene P. Wigner, Jerrold R. Zacharias.