

1937-85
STORAGE
(2 FOLD)

Johnson, Vivian A. 1912-1985

Papers, 1937-85. 2 boxes.

Physicist, faculty member of Purdue University, researcher in theoretical solid state physics and author of many scientific papers on the transport properties of semiconductors. Concerned with the educational opportunities and the status of women. Visiting lecturer of the American Association of Physics Teachers as a part of the National Science Foundation program to stimulate interest in physics. Her scholarship, leadership and abilities as a teacher were recognized in 1973 when she received the Standard Oil Foundation Teaching Award and in 1979 when she received the Helen B. Schleman Gold Medallion Award. Member of Sigma Xi, Sigma Pi Sigma, Indiana Academy of Sciences, Phi Beta Kappa and the American Association of University Professors.

In Special Collections of Purdue University. Reprints, 1937-66, 1949-65; scientific papers, notes and correspondence.

Unpublished preliminary inventory in the Special Collections.

Box 1

Visiting Lecturers 42-48

Electrons in Crystals 1953

Multicontact Theory 1942-43

The Polaron 1956-7

Electrons in Crystals

Eradt

Reprints 1937-66, 1949-65

Structure of Metals 1949

Student affairs '69

Electric Quantum Theory

Lects. by Phillip Frank

by G. Wentzel

Schein

Heisenberg

Bethe

Nordheim

Hughes

Seminar by Schwinger

Radiation Damage 1958

Box 2

Reprints Lark-Horowitz

L.H. Biography

Comments of Betty L.H.

Box 2 (continued)

L.H. Biography Drafts of Lectures

Chronology of Scientific Dev

Budget Review Committee

Exponent Report 1969

Curriculum Committee

Courses & Lecture by **Lanczos**

s of National Oceanic and Atmospheric Administration Pacific Regional Office. The accessions include records compiled by a variety of offices within the Pacific Regional Office in Hawaii. Operations Division records document the regional administration of stations reporting from the Hawaiian Islands, the Pacific Trust Territories, American Samoa, Guam, the Wake Islands, and other locations. Topics covered include storm development, cooperative work with the Federal Aviation Administration and military authorities, drought conditions, tsunami alerts, and activities, and the establishment of new reporting stations in the Pacific. Records of the Office of the Regional Climatologist include those of the Climatology Program, 1969, and focus on weather forecasting and gathering reporting data from observation stations throughout the Pacific basin. Mauna Loa Observatory records, 1963–1966, document the planning and installation of the weather observatory atop the Mauna Loa volcano on the island of Hawaii. National Archives Record Group 370. 29 cu. ft.

New Jersey Historical Society Collections, Newark, NJ (contact Sandor B. Cohen).

Papers of Francis **Robbins Upton**, 1852–1921. Physicist and mathematician. Scrapbooks containing letters, certified printed matter, and photos, illustrating Upton's career as the first recipient of a master of science degree granted by Princeton University, at Thomas A. Edison's Menlo Park Laboratories where he worked on incandescent light, and later president of Edison Pioneers, an organization of early employees of the Edison Company. Includes letters of Thomas A. Edison and Franklin D. Roosevelt. 1877–1925. 3 boxes.

Pennsylvania State University, Center for Electronic Materials and Devices, University Park, PA (contact Peter E. Fey).

Papers of Russell **S. Ohl**. Consists of miscellaneous papers from the career of Ohl including internal memos from Bell Laboratories and graphs and calculations made by Ohl as well as the transcript of an oral history (1976) by Lillian Ohlson. There is little in the way of correspondence. 1958. 2 boxes.

Purdue University Libraries, Special Collections. West Lafayette, IN (contact Helen Schroyer).

Papers of Vivian Annabelle Johnson, 1912–1985. Physicist, faculty member of Purdue University, researcher in theoretical solid state physics and author of many scientific papers on the transport properties of semiconductors. Concerned with the educational opportunities and the status of women. Long lecturer of the American Association of Physics Teachers as part of the National Science Foundation project to stimulate interest in physics. Member of Sigma Xi, Phi Pi Sigma, Indiana Academy of Sciences, Phi Beta Kappa, and the American Association of University Professors. Reprints, 1937–1966, 1949–1965; scientific papers, and correspondence. 1937–1985. 2 boxes.

Rensselaer Polytechnic Institute Archives and Dept. of Special Collections, Troy, NY (contact John Dojka).

Papers of William Otis Hotchkiss, 1878–1954. Geologist, author, and educator. Subject files reflecting administrative issues during Hotchkiss's tenure as president of Rensselaer Polytechnic Institute, particularly its development of defense programs prior to World War II. 1935–1943. 15 ft.

Rockefeller University, New York, NY (contact Barbara Gilson).

Papers of Duncan Arthur MacInnes, 1885–1965. On the physical chemistry faculty at the University of Illinois, Urbana (1911–1917), Massachusetts Institute of Technology (1917–1926), and Rockefeller University (earlier the Rockefeller Institute for Medical Research) (1926–1965). MacInnes was the author of *The Principles of Electro-chemistry* and numerous contributions to scientific publications and mountaineering magazines. Correspondence; diaries; lectures; addresses; annual reports; manuscripts; figures; photographs; maps. Of particular interest are subject files pertaining to the small conferences sponsored by the National Academy of Sciences and held at Shelter Island and Rockefeller Institute in the immediate postwar era. Also contains material pertaining to war contract work (1941–1945) at Rockefeller Institute for Medical Research where MacInnes was senior investigator; topographical maps of climbing and camping areas; biographical material; and collected reprints. Correspondents include: **Hayward** Cirker, Jesse W. M. DuMond, Walter J. Hamer, Herbert S. Harned, Enok Hetland, C. W. Hiatt, Frank B. Jewett, Robert L. Kay, John G. Kirkwood, Walter R. Kirner, Victor K. **LaMer**, W. Albert **Noyes**, Alfred R. Pray, B. Roger Ray, A. N. Richards, Harlow Shapley, Charles P. Smyth, Florence M. Stewart, and John A. Wheeler. 1926–1965.

Royal Society Library. London, England.

Papers of Harold Warris Thompson, 1908–1983. Thompson was a distinguished Oxford scientist and teacher who made exceptional contributions to international science; he was also a lifelong enthusiast for association football. He was educated in **Sheffield** and at Trinity College, Oxford, then spent a year researching in Berlin before returning to Oxford to take up a Fellowship at St. John's College. Thompson quickly established himself as an outstanding teacher and developed his research interests in the area of chemical spectroscopy. He contributed to international science as Foreign Secretary of the Royal Society, 1965–1971, and as president of the International Council of Scientific Unions (ICSU), 1963–1966, and of the International Union of Pure and Applied Chemistry (IUPAC), 1973–1975. Throughout his life Thompson gave devoted service to football, from amateur player in his youth to Chairman of the Football Association, 1976–1981. The collection is regrettably very unbalanced. There is no personal or biographical material and very little record of Thompson's research. On the other hand, his contributions to international science and football are extensively documented. There is a full record of Thompson's Foreign