# Atomic Bomb Casualty Commission publications

## Pam Coll 22



Katherine Isham

2024

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#### Collection Overview

REPOSITORY: Medical Historical Library, Cushing/Whitney Medical Library

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CALL NUMBER: Pam Coll 22

**CREATOR:** Atomic Bomb Casualty Commission

**TITLE:** Atomic Bomb Casualty Commission publications

**DATES:** 1952-1975

**PHYSICAL DESCRIPTION:** 4 linear feet (2 boxes + 1 oversize folder)

LANGUAGE: English; Japanese

**SUMMARY:** The collection includes publications and reprints about health and

genetic effects of radiation exposure or about the Atomic Bomb Casualty Commission (ABCC) published from 1952-1975. The majority of items were published by the ABCC, but the collection also includes items published by Japanese govenment entities and authors associated with the ABCC or Japan National Institute of Health (JNIH). The ABCC was created in 1946 by the United States National Research Council, Division of Medical Sciences, to conduct a long-term study of the health effects of radiation on the survivors of the atomic bombings of the cities of Hiroshima and Nagasaki during World War II. ABCC topics of research included hematology, radiation cataracts, incidence of leukemia and other cancers, genitourinary system disorders, aging and mortality rates, sex ratios and mortality rates of survivors' children, and genetics. Most materials are in English, with a few

items written in Japanese and English.

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#### **Requesting Instructions**

To request items from this collection for use on site, please use the request links in the HTML version of this finding aid, available at <a href="https://hdl.handle.net/10079/fa/med.pam.0022">https://hdl.handle.net/10079/fa/med.pam.0022</a>.

Key to the container abbreviations used in the PDF finding aid:

b. box

f. folder

#### **Administrative Information**

## **Immediate Source of Acquisition**

Provenance of items in the collection is unknown.

## **Conditions Governing Access**

The collection is open for research.

## **Conditions Governing Use**

Copyright status for collection materials is unknown. Transmission or reproduction of materials protected by U.S. Copyright Law (Title 17, U.S.C.) beyond that allowed by fair use requires the written permission of the copyright owners. Works not in the public domain cannot be commercially exploited without permission of the copyright owners. Responsibility for any use rests exclusively with the user.

#### **Preferred Citation**

Atomic Bomb Casualty Commission publications. Historical Library, Harvey Cushing / John Hay Whitney Medical Library, Yale University.

#### **Related Materials**

Related material: Averill E. Liebow collection (Ms Coll 28), Historical Library, Cushing/Whitney Medical Library, Yale University.

## **Biographical / Historical**

The Atomic Bomb Casualty Commission (ABCC) was formed in 1946 in response to a directive by United States President Harry S. Truman to study the long-term health effects of radiation on the survivors of the atomic bombings of the cities of Hiroshima and Nagasaki during World War II. The ABCC was formed under the National Research Council's Division of Medical Sciences and initially consisted of five people who were sent to Japan to conduct a preliminary survey. In 1947 the ABCC was officially established to conduct a long-term study of survivors' medical and genetic health in the field. The ABCC worked in partnership with the Japan National Institute of Health (JNIH) and by 1950 employed more than 1,000 people in Japan, the majority of whom were Japanese citizens. The commission did not provide health care to survivors or their children.

The ABCC continued its' studies until 1975, when it was absorbed into the newly formed Radiation Effects Research Foundation, a private non-profit foundation jointly funded by the governments of the United States and Japan.

The ABCC's topics of research included hematology, radiation cataracts, incidence of leukemia and other cancers, genitourinary system disorders, aging and mortality rates, sex ratios and mortality rates of survivors' children, genetics, and other health factors impacted by radiation exposure. The commission published numerous reports, which were reprinted in scientific journals, and scientists working for the ABCC and JNIH often published their own articles and reports related to ABCC research.

### **Scope and Contents**

The collection includes publications and reprints about health and genetic effects of radiation exposure or about the Atomic Bomb Casualty Commission (ABCC) published from 1952-1975. The majority of items were published by the ABCC, but the collection also includes items published by Japanese govenment entities and authors associated with the ABCC or Japan National Institute of Health (JNIH). The ABCC was created in 1946 by the United States National Research Council, Division of Medical Sciences, to conduct a long-term study of the health effects of radiation on the survivors of the atomic bombings of the cities of Hiroshima and Nagasaki during World War II. ABCC topics of research included hematology, radiation cataracts, incidence of leukemia and other cancers, genitourinary system disorders, aging and mortality rates, sex ratios and mortality rates of survivors' children, and genetics. Most materials are in English, with a few items written in Japanese and English.

#### Arrangement

The collection is organized by date and author.

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|            | 1952   |      |
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| b. 1, f. 1 | Japanese Government, Ministry of Health and Welfare, A summary account of the development of health centers and their present status. 1952.  | 1952 |
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| b. 1, f. 1 | Harris, Carl A., <i>The Atomic Bomb Casualty Committee, New Report</i> , vol. iv, no. 3. 1954.   | 1954 |
|            | 1960   |      |
| b. 1, f. 2 | Arakawa, E. T., Radiation dosimetry in Hiroshima and Nagasaki atomic-bomb survivors, reprinted from the New England Journal of Medicine, vol. 263, September 8, 1960. 1960.  | 1960 |
| b. 1, f. 2 | Darling, George B., ABCC section in Hiroshima Igaku, vol. xiii, no. 11-12. 1960.   | 1960 |
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| b. 1, f. 4 | Freedman, Lawrence R., John P. Phair, Masafumi Seki, Howard B. Hamilton, M. Dean Nefzger, <i>The epidemiology of urinary tract infections in Hiroshima</i> , reprinted from the <i>Yale Journal of Biology and Medicine</i> , vol. 37, no. 4, February 1965. 1965.                | 1965 |
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| b. 1, f. 5 | Jordan, Scott W., Carl M. Hasegawa, Robert J. Keehn, <i>Testicular changes in atomic bomb survivors</i> , reprinted from the <i>Archives of Pathology</i> , December 1966, vol. 82. 1966.   | 1966 |
| b. 1, f. 5 | Kato, Hiroo, William J. Schull, James V. Neel, <i>A cohort-type study of survival in the children of parents exposed to atomic bombings</i> , reprinted from the <i>American Journal of Human Genetics</i> , vol. 18, no. 4, July 1966. 1966.                                     | 1966 |
| b. 1, f. 5 | Matsuda, Nobuyoshi, Howard B. Hamilton, A weak variant of blood group A similar to A# in a Japanese family, reprinted from the American Journal of Clinical Pathology, vol. 46, no. 6. 1966.  | 1966 |
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| b. 1, f. 6 | Archer, Philip G., <i>Chromosome aberrations in leucocytes of older survivors of the atomic bombings of Hiroshima and Nagasaki</i> , reprinted from <i>The Lancet</i> , October 14, 1967. 1967.   | 1967 |

| b. 1, f. 6 | Bizzozero, O. Joseph, Kenneth G. Johnson, Antonio Ciocco, Sho Kawaski, Shigeri<br>Toyoda, <i>Radiation-related leukemia in Hiroshima and Nagaski 1946-1964, ii.</i><br>observations on type-specific leukemia, survivorship, and clinical behavior,<br>reprinted from the <i>Annals of Internal Medicine</i> , vol. 66, no. 3, March 1967. 1967. | 1967 |
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| b. 1, f. 6 | Bloom, A. D., P. G. Archer, A. A. Awa, <i>Variation in the human chromosome number</i> , reprinted from <i>Nature</i> , vol. 216, no. 5114, November 4, 1967.  | 1967 |
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| b. 1, f. 8  | Russell, Walter J., O. Joseph Bizzozero, Jr., Yoshiaki Omori, <i>Idiopathic osteosclerosis: a report of 6 related cases</i> , reprinted from <i>Radiology</i> , vol. 90, no. 1, January 1968. 1968.   | 1968 |
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| b. 1, f. 8  | Wanebo, C. K., K. G. Johnson, K. Sato, T. W. Thorslund, <i>Breast cancer after exposure to the atomic bombings of Hiroshima and Nagasaki</i> , reprinted from the <i>New England Journal of Medicine</i> , vol. 279, September 26, 1968. 1968.  | 1968 |
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| b. 1, f. 9  | Finch, Stuart C., Takashi Hoshino, Takashi Itoga, Michito Ichimaru, Roland H. Ingram, Jr., <i>Chronic lymphocytic leukemia in Hiroshima and Nagasaki, Japan,</i> reprinted from <i>Blood</i> , vol. 33, no. 1. 1969.  | 1969 |
| b. 1, f. 9  | Hamilton, Howard B., Iwao Iuchi, Takaoki Miyaji, Susumu Shibata, Hemoglobin Hiroshima (#### histidine # aspartic acid): a newly identified fast moving beta chain variant associated with increased oxygen affinity and compensatory erythemia, reprinted from the Journal of Clinical Investigation, vol. 48, no. 3, March 1969. | 1969 |
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| b. 1, f. 9  | Higuchi, Takehiko, Walter J. Russell, Hajime Nakata, Shigetoshi Antoku, Radiographic survey of the upper gastrointestinal tract: an evaluation, reprinted from Radiology, vol. 93, no. 5, November 1969. 1969.  | 1969 |
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| b. 1, f. 9  | Miller, Robert W., <i>Delayed radiation effects in atomic-bomb survivors</i> , reprinted from <i>Science</i> , 31 October 1969, vol. 166. 1969.   | 1969 |
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| b. 1, f. 10 | Editorials: thyroid cancer in Japan, reprinted from the Journal of the American Medical Association, July 7, 1969, vol. 209. 1969. Editorial response to Sampson, Richard J., Charles R. Key, C. Ralph Buncher, Soichi  | 1969 |
|             | lijima, "Thyroid carcinoma in Hiroshima and Nagasaki: i. prevalence of thyroid carcinoma at autopsy," reprinted from the <i>Journal of the American Medical Association</i> , July 7, 1969, vol. 209. 1969.   |      |
| b. 1, f. 10 | Wood, James W., Hideya Tamagaki, Shotaro Neriishi, Tatsuo Sato, Warner F. Sheldon, Philip G. Archer, Howard B. Hamilton, Kenneth G. Johnson, <i>Thyroid carcinoma in atomic bomb survivors Hiroshima and Nagasaki</i> , reprinted from the <i>American Journal of Epidemiology</i> , vol. 89, no. 1. United States, 1969.               | 1969 |
| b. 1, f. 10 | Yamatomo, Tsutomu, Toshiro Wakabayashi, <i>Bone tumors among the atomic bomb survivors of Hiroshima and Nagasaki</i> , reprinted from <i>Acta Path. Jap.</i> 19(2). Japanese Pathological Society, 1969.  | 1969 |
|             | 1970  |      |
| b. 1, f. 11 | Anderson, Robert E., Kenzo Ishida, Yohei Ii, Toranosuke Ishimaru, Hiroshi Nishiyama, <i>Geographic aspects of malignant lymphoma and multiple myeloma: select comparisons involving Japan, England, and the United States</i> , reprinted from the <i>American Journal of Pathology</i> , vol. 61, no. 1, October 1970. 1970.           | 1970 |
| b. 1, f. 11 | Jablon, Seymour, Hiroo Kato, <i>Childhood cancer in relation to prenatal exposure to atomic-bomb radiation</i> , reprinted from <i>The Lancet</i> , November 14, 1970. 1970.  | 1970 |
| b. 1, f. 11 | Sampson, Richard J., Charles R. Key, C. Ralph Buncher, Hisao Oka, Soichi lijima,<br>Papillary carcinoma of the thyroid gland: sizes of 525 tumors found at autopsy in<br>Hiroshima and Nagasaki, reprinted from Cancer, vol 25, no. 6, June 1970. 1970.   | 1970 |
| b. 1, f. 11 | Yamamoto, Tsutomu, Hiroo Kato, Kenzo Ishida, Eiichi Tahara, Douglas H. McGregor, <i>Gastric carcinoma in a fixed population: Hiroshima and Nagasaki</i> , reprinted from <i>GANN</i> , vol. 61, October 1970. 1970.   | 1970 |
|             | 1971  |      |
| b. 1, f. 12 | Anderson, Robert E., Tsutomu Yamamoto, Kenzo Oshida, Todd Thorslund, <i>Aging in Hiroshima and Nagasaki atomic bomb survivors: accumulation of cardiac lipofuscin,</i> reprinted from the <i>Journal of the American Geriatrics Society</i> , vol. xix, no. 3. 1971.  | 1971 |
| b. 1, f. 12 | Hamilton, H. B., Y. Nakahara, <i>The rare kell blood group phenotype K# in a Japanese family</i> , reprinted from <i>Vox Sang.</i> , vol. 20. 1971.   | 1971 |
| b. 1, f. 12 | Ishimaru, Toranosuke, Takashi Hoshino, Michito Ichimaru, Hiromu Okada, Takanori Tomiyasu, Taiso Tsuchimoto, Tsutomu Yamamoto, <i>Leukemia in atomic bomb survivors, Hiroshima and Nagasaki, 1 October 1950-30 September 1966</i> , reprinted from <i>Radiation Research</i> , vol. 45, no. 1, January 1971. United States, 1971.        | 1971 |
| b. 1, f. 12 | Ishimaru, Toranosuke, Hiromu Okada, Takanori Tomiyasu, Taiso Tsuchimoto, Takashi Hoshino, Michito Ichimaru, <i>Occupational factors in the epidemiology of leukemia in Hiroshima and Nagasaki</i> , reprinted from the <i>American Journal of Epidemiology</i> , vol. 93, no. 3. United States, 1971.                                   | 1971 |

| b. 1, f. 12 | Jablon, Seymour, Hiroo Kato, Sex ratio in offspring of survivors exposed prenatally to the atomic bombs in Hiroshima and Nagasaki, reprinted from the American Journal of Epidemiology, vol. 93, no. 4. United States, 1971.   | 1971 |
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| b. 1, f. 12 | Kato, Hiroo, Mortality in children exposed to the a-bombs while in utero, 1945-1969, reprinted from the American Journal of Epidemiology, vol. 93, no. 6. 1971.  | 1971 |
| b. 1, f. 13 | Kato, Hiroo, Ivan F. Duff, Walter J. Russell, Yutaka Uda, Howard B. Hamilton, Sadahisa Kawamoto, Kenneth G. Johnson, <i>Rheumatoid arthritis and gout in Hiroshima and Nagasaki, Japan</i> , reprinted from the <i>Journal of Chronic Disease</i> , vol. 1971. Great Britian: Pergamon Press, 1971.          | 1971 |
| b. 1, f. 13 | Kirshbaum, Jack D., Takeshi Matsuo, Kazuo Sato, Michito Ichimaru, Taiso Tsuchimoto, Toranosuke Ishimaru, <i>A study of aplastic anemia in an autopsy series with special reference to atomic bomb survivors in Hiroshima and Nagasaki</i> , reprinted from <i>Blood</i> , vol. 38, no. 1, July 1971. 1971.   | 1971 |
| b. 1, f. 13 | Numaguchi, Yuji, <i>Osteitis condensas ilii, including its resolution</i> , reprinted from <i>Radiology</i> , vol. 98, no.1. 1971.   | 1971 |
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| b. 1, f. 13 | Sampson, Richard J., Charles R. Key, Ralph Buncher, Soichi lijima, <i>Smallest forms of papillary carcinoma of the thyroid</i> , reprinted from the <i>Archives of Pathology</i> , April 1971, vol. 91. 1971.  | 1971 |
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| b. 1, f. 14 | Anderson, Robert E., Hiroshi Nishiyama, Yohei Ii, Kenzo Ishida, Nobukazu Okabe, <i>Pathogenesis of radiation-related leukæmia and lymphoma: speculations primarily based on experience of Hiroshima and Nagasaki</i> , reprinted from <i>The Lancet</i> , May 13, 1972. 1972.                                | 1972 |
| b. 1, f. 14 | Antoku, Shigetoshi, Walter J. Russell, Matayoshi Mizuno, Yasuo Suga, <i>Memorial ionization chambers; construction and response</i> , reprinted from <i>Health Physics</i> , vol. 23. Northern Ireland: Pergamon Press, 1972.  | 1972 |
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Atomic bomb -- Health effects Leukemia, Radiation-induced Nuclear warfare Nuclear weapons Radiation injuries Radiation -- Physiological effect Radiation victims World War, 1939-1945 -- Japan

#### **Corporate Body**

**Atomic Bomb Casualty Commission**