

**University of Toronto Archives
and Records Management Services**



James E. Till fonds

B2005-0031

B2010-0028

Harold Averill, July 2006
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Emily Sommers, April 2021

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Biographical note

James Edgar Till was born in Lloydminster, Saskatchewan on 25 August 1931. He took his undergraduate (BA 1952) and master's (MA 1954) degrees at the University of Saskatchewan, specializing in physics. He was awarded scholarships by the University of Saskatchewan, Standard Oil Company of California, and the National Research Council. A fellowship from the National Cancer Institute of Canada enabled him to go to Yale where he received his doctorate in biophysics in 1957. He then went to Toronto for a year as a post-doctoral fellow at the Connaught Medical Research Laboratories. He became one of the original members of the scientific staff of Ontario Cancer Institute when it and its affiliate, the Princess Margaret Hospital, opened in 1958. Initially he was with the Physics Division but in 1967 moved to the Division of Biological Research, of which he was appointed head in 1969. He was appointed to the University of Toronto's Department of Medical Biophysics in 1958, as associate professor in 1965 and full professor in 1968. In addition to his administrative duties as head of the Division of Biological Research for 1969 to 1982, he was Associate Dean, Life Sciences in the School of Graduate Studies from 1981-1984. For his outstanding contributions to cell biology, as applied to leukemia, he was appointed University Professor in 1984. He was a founding member of the Centre for Bioethics, and from 1989-1991 chaired the Faculty of Medicine's Decanal Appointments Committee. He was appointed University Professor Emeritus in 1997 and has retired twice, in 1998 and 1999.

Dr. Till's early research interests encompassed radiation physics, molecular biophysics, radiobiology and cellular biology. The most significant work, usually in conjunction with Dr. Ernest McCulloch, was on the cellular biophysics of mammalian cells, with particular emphasis on stem cells. After 1980, his research focused on cancer control, with an emphasis on the epidemiological, behavioural and ethical aspects of decision-making in oncology. Subsequently, he investigated the factors that influence the quality of life for cancer patients after treatment and issues relating to health-related knowledge transfer. In 1989 he was appointed a senior scientist in the Division of Epidemiology and Statistics. In recent years, one of Dr. Till's major interests has been the role of the Internet in fostering the dissemination and discussion of health-related information. He is the author of over 200 research publications.

Dr. Till has been a member of the Biophysical Society, Canadian Association of Physicists, Canadian Society for Cell Biology, Canadian Society for Immunology, Radiation Research Society, and has served on the editorial boards of a number of scientific journals. In 1969 he was elected to the Royal Society of Canada. He was a founding director of the International Society for Health-Related Quality of Life, formed in recognition of the importance of the impact of disease and treatment on patients' quality of life and concerned primarily with efforts to improve patient care. From 1993

to 1995 he chaired the Advisory Committee on Research of the National Cancer Institute of Canada. In 1998-1999 he chaired the Management Committee of the Cancer Information Service of the Canadian Cancer Society. Between 1998 and 2001 he was successively president and past president of the National Cancer Institute of Canada. From 2001 to 2004 he was both vice-chair of the Institutional Advisory Board, Institute of Cancer Research, Canadian Institutes of Health Research and chair of the Knowledge Management Committee of the newly formed Stem Cell Network.

Over the years Dr. Till has been the recipient of many honours. His pioneering research with Dr. Ernest A. McCulloch on the multiplication of stem cells in mice earned them the prestigious Gardiner Foundation International Award in 1969, the same year he was elected to the Royal Society of Canada. In 1991 he was a co-recipient with Dr. McCulloch of the Royal Society of Canada's Thomas W. Eadie Medal for 'their revolutionary research in experimental hematology'. In 1993 he was the first recipient of the R. L. Noble Prize of the National Cancer Institute of Canada for 'scientific excellence in cancer research'. The following year he was named an Officer of the Order of Canada. In 2000 he was elected a Fellow of the Royal Society of London and in 2001 received the Robert M. Taylor Award and Medal, a joint award of the National Cancer Institute of Canada and the Canadian Cancer Society, for his contributions to medical research and patient care. In 2004 he and Dr. McCulloch were inducted into the Canadian Medical Hall of Fame. The same year he was awarded an honorary degree (DSc) by the University of Toronto. In 2005 he and Dr. McCulloch went to New York to receive the prestigious Albert Lasker Basic Medical Research Award. In 2009, both McCulloch and Till were nominated jointly for the Nobel Prize for Medicine and Physiology for their work relating to stem cells. The prize was awarded instead to another group for the discovery of how chromosomes are protected by telomeres and the enzyme telomerase.

Dr. Till is married to Joyce Sinclair and they have three children.

Scope and content

1910-2009, predominant 1962-2005
4.62 m of multi-media records (32 boxes)
47 digital files (137 MB; .jpg and .pdf)

Personal records of James E. Till, consisting primarily of correspondence, honours and awards, teaching materials, research and administrative files, manuscripts and addresses (including slides), interviews, and photographs, documenting Dr. Till's career as a professor of medical biophysics at the University of Toronto and as a cancer specialist. Includes files on the Centre (later Joint Centre) for Bioethics and the Department of Medical Biophysics at the University of Toronto, the Canadian Cancer Society and the Ontario Cancer Institute /Princess Margaret Hospital.

Access: All files are open, with the exception of letters of reference in Series 2. These files are closed for 30 years from date of letter. Please contact the University Archivist for permission to access these records.

Boxes: B2005-0031/001 - /027; /001P; /001A
B2010-0028/001 - /002; /001P - /002P; /001M - /002M

Related material: Ernest A. McCulloch fonds

Series 1: Personal

1952-2007

0.23 m; textual, graphic, sound and moving images

This series consists of biographical information about James Till, primarily in the form of press clippings, biographical sketches he penned, university diplomas for BA (1952) and MA (1954) from University of Saskatchewan, curriculum vitae, and two full length articles about him and his work. Records documenting honours and awards include the original certificates, correspondence, and photographs documenting recognition in his field of expertise, honorary degrees from University of Lethbridge, the University of Saskatchewan, as well as the University of Toronto (see also Series 3) as well as civic honours such as the Order of Canada and the Order of Ontario. Also included are files relating to the induction into the Canadian Medical Hall of Fame (2004), including a video, and the Albert Lasker Basic Medical Research Award (2005) both received jointly with Dr. Ernest McCulloch. Manuscripts of some speeches may be found in some files, as well as Series 8. For photographs, see Series 9 - Photographs.

Access: Open

Boxes	Description	Date range
B2005-0031/001 (01) – (04) B2010-0028/001 (01) – (02)	Biographical	1952-2004
B2005-0031/001 (05) – (11) B2010-0028/001 (03) – (11) B2010-0028/002	Honours, Awards	1967-2007
B2010-0028/001M	Video – Induction ceremony, Canadian Medical Hall of Fame	2004

Series 2: Correspondence

1962-2005

1.04 m; textual, graphic

The correspondence in this series consists is primarily professional, with a number of personal letters scattered throughout. Though the outside dates are given as 1962 to 2005, the bulk of the correspondence dates from the mid-1970s. Included are substantial files on individuals who were closely connected with the University of Toronto and/or the Ontario Cancer Institute, including Ronald Buick, Alastair J. Cunningham, Norman Iscove, Harold E. Johns, Dorothy Lamont, Tak Mak, Ernest A. McCulloch and David Tritchler. Non-University of Toronto people, with whom there is extensive correspondence, include Sam Lan and William J. McKillop.

The correspondence covers a wide range of Dr. Till's activities during the period covered. Some of it relates to honours bestowed on his colleagues, including the recognition of those who had died with accompanying eulogies and obituaries. There is much correspondence on issues relating to research, including the writing of papers and the delivering of public addresses, and including drafts of some of the latter. There are also letters of reference, correspondence and memoranda relating to the defence of theses and to visiting professors and researchers. Also accompanying the correspondence is notes, biographical sketches, programmes, articles, photographs and a few slides.

Note: For additional material on research papers and public addresses, see Series 7 and 8. For photographs, slides see Series 9.

Arrangement: The arrangement is alphabetical by name of the author, with a 'miscellaneous' file at the beginning of many letters

Access: All files are open, with the exception of letters of reference. These files are closed for 30 years from date of letter. Please contact the University Archivist for permission to access these records.

Boxes	Description	Date range
B2005-0031/001 (12) – (16)	"A" miscellaneous – Raymond Milton Baker	1967-2003
B2005-0031/002	Barofsky, Ivan – "C" miscellaneous	1962-2005
B2005-0031/003	Carlsen, Svein Arne – Abraham Fuks	1972-2003
B2005-0031/004	"G" miscellaneous – Paul Kurd	1964-2004

Boxes	Description	Date range
B2005-0031/005	"L" miscellaneous – Elizabeth Maunsell	1969-2000
B2005-0031/006	Mayer, Musa – Kazuiyo Onodera	1968-2005
B2005-0031/007	Osaba, David – Wade Schuette	1964-2002
B2005-0031/008	Sheinin, Rose – "W" miscellaneous	1971-2005
B2005-0031/009 (01) – (09)	Ware, John E. – Peter Zandstra	1964-2002

Series 3: University of Toronto

1962-2009

0.45 m.; textual, sound and moving images

This series focuses on Dr. Till's professional duties at the University of Toronto, primarily within the Centre (later Joint Centre) for Bioethics, but also includes files on committees with which he was involved, such as the Presidential Commission on the Health Sciences (Leyerle, chair). There are also files on the Department of Medical Biophysics, the Institute of Medical Science, and the School of Graduate Studies, especially its feasibility committee on a graduate program in bioethics which Dr. Till chaired (1985-1987), and the courses that he taught. In 2009, the Department of Medical Biophysics celebrated its 50th anniversary – a DVD slide show produced for the occasion is included in this series.

The first files document Dr. Till's employment at the University of Toronto, primarily from 1981 when he was appointed associate dean of Division 4, School of Graduate Studies. The files also cover his receiving tenure, his position as University Professor, and his retirement. These are followed by files on computer use, systems, and websites, about which he wrote extensively (see Series 7) from the late 1990s.

The files on the Centre for Bioethics are extensive and detailed, beginning with the recommendations in 1987-1988 of the 'Lowy Committee', and include, of particular significance, Dr. Till's files on seminars held there from 1988 to 1995. The Centre evolved into the Joint Centre on Bioethics in December 1995, with Dr. Till playing a significant role in the process and subsequently as a member of its advisory committee and in the creating of new courses and seminars.

These files are followed immediately by several on the Department of Medical Biophysics and in the Institute of Medical Science. There are also files on a course leading to a BSc in radiation sciences and a medicinal chemistry course offered to

pharmacy students. Most of the remaining files in this series relate to the School of Graduate Studies as described above. The courses (arranged by course number) are primarily those offered in the medical biophysics program: human genetics, radiobiology, mathematical biophysics, quantitative biology, oncology, health economics, and bioethics. They date from 1962 to 2005. The series concludes with a file on the Medical Biophysics Student Day (12 May 1995).

This series contains correspondence, memoranda, minutes, reports, and detailed (latterly typed) notes for lectures, with accompanying course outlines and related material. Except for the course material, the files largely date from 1975.

Access: Open

Boxes	Description	Date range
B2005-0031/009 (10) – (20)	Appointments, honours, computer files	1972-1999
B2005-0031/010	Websites; Presidential Commission on the Health Sciences; Centre for Bioethics	1988-1993
B2005-0031/011	Centre for Bioethics Joint Centre for Bioethics Department of Medical Biophysics; Institute of Medical Science; School of Graduate Studies – feasibility study and courses (to human genetics)	1993-1995 1995-2004 1992-1993
B2005-0031/012 (01) – (09)	School of Graduate Studies – courses (radiobiology to bioethics); Medical Biophysics Student Day (1995)	1962-2005
B2010-0028/002M	Department of Medical Biophysics – 50 th anniversary DVD	2009

Series 4: National Cancer Institute of Canada, Ontario Cancer Institute

1974-2005

0.51 m; textual, architectural

Dr. Till was associated both with the National Cancer Institute of Canada (NCIC, a granting agency) and the Ontario Cancer Institute (OCI, a research institute), where he was a salaried employee. The OCI is an affiliate of Princess Margaret Hospital, a teaching hospital at the University of Toronto and part of the University Health Network.

This series begins with Dr. Till's files documenting his involvement with the NCIC, in particular his membership in a number of committees and centres. He chaired the NCIC's Advisory Committee on Research (ACOR) from 1993 to 1995, and the Selection Committee for Executive Director (1996). Other committees documented here are the Committee on Planning and Priorities (1995), the External International Review Committee (1991), the National Task Force on Personnel (1992), and the Joint Task Force on Behavioural Research and the centre that arose from its recommendations, the Centre Behavioural Research and Program Evaluation (CBRPE). The NCIC files conclude with a review of its policies on workshops, its eighth course on oncology (1992), its 1995 annual meeting and Dr. Till's presentation, 'An ethics of research priorities' (1994).

The files of the Ontario Cancer Institute/Princess Margaret Hospital document Dr. Till's involvement with its Board and committee activities, centring around the relocation of the Princess Margaret Hospital to University Avenue in 1995 and the reappraisal of its research and teaching programs and related issues such as intellectual property rights. The most substantial files are on Board retreats, the committee to review clinical research, the intellectual property committee, the planning committee's sub-committee on governance, and the health status group. Other committees and reports focus on aspects of structural reorganization, space requirements, 'visioning', and aspects of planning such as patient care.

The series ends with files on the quality of life assessment project (1993-1994) and a site visit to the OCI's Division of Biological Research in November 1986.

The material in this series consists of correspondence, notes, memoranda, minutes, reports, press coverage, cartoons and architectural drawings. The arrangement is by descending order of authority within each organization and alphabetically by name of committee.

Arrangement: Architectural drawings relating to the lease of 559 Jarvis Street in 1987 have been removed from box B2005-0031/015(14) to B2005-0031/001A.

Access: Open

Boxes	Description	Date range
B2005-0031/012 (10) – (13)	NCIC correspondence – Advisory Committee on Research (ACOR)	1976-2005
B2005-0031/013	NCIC Advisory Committee on Research – Centre for Behavioural Research and Program Evaluation	1993-2001
B2005-0031/014	NCIC Centre for Behavioural Research and Program Evaluation – OCI/PMH Board retreat (1994)	1974-2005
B2005-0031/015	OCI/PMH. Retreat re Board restructuring (1995) – Planning documents	1981-1996
B2005-0031/016 (01) – (13)	OCI/PMH. Planning committee's subcommittee on governance – Site visit (3 November 1986)	1974-1998
B2005-0031/001A	Architectural drawings, lease of 559 Jarvis St., 1987	1986-1987

Series 5: Professional organizations

1975-2000

0.03 m; textual

This slim series contains files about the following organizations: Addiction Research Foundation, American Society of Blood and Marrow Transportation, Canadian Bioethics Society, Canadian Cancer Society, Cancer Care Ontario, the Medical Research Council of Canada, and the Ontario Cancer Treatment and Research Foundation.

These files contain primarily correspondence which, in all but two instances, is routine. In 1998 the American Society of Blood and Marrow Transportation inaugurated its Ernest McCulloch and James Till Award. A file on the Ontario Cancer Treatment and Research Foundation contains material relating to the report of a research working group of the Provincial Cancer Network headed by Ronald Buick that reported at the end of 1994, and the work done by the transition team to implement its recommendations.

Arrangement: The arrangement of the files is alphabetical.

Access: Open

Boxes	Description	Date range
B2005-0031/016 (14) – (22)	Addiction Research Foundation – Ontario Cancer Treatment and Research Foundation	1975-2000

Series 6: Research

1963-2002

0.12 m; textual

This series begins with a folder of reports prepared by Dr. Till on his research and intended primarily for internal administrative use, for notation in academic journals, for entries in volumes such as *Canadian Who's Who* and, latterly, online sources. The years covered are 1987-2001.

The remaining files contain correspondence, notes, drafts of reports and support material for the following areas of research: growth models, 'stochastic models of population growth', reposition genetics, and Iceland and privacy legislation, associated with which is a copy Evangeline Racha's master's thesis for Stanford University, "Iceland's decode genetics: bellwether for population genomics research" (2001). The 'stochastic models' file relates to the early famous paper by Drs. Till, McCulloch and Siminovitch and contains correspondence and notes, with related papers, between Drs. Till and W. A. O'N. Waugh for the years 1963 to 1967.

Access: Open

Boxes	Description	Date range
B2005-0031/017 (01) – (06)	Growth models – Iceland and privacy legislation	1963-2002

Series 7: Manuscripts and publications

1954-2005

0.78 m; textual, graphic

For an overview of the nature of Dr. Till's scientific writings, readers are referred to the biographical sketch at the beginning of this finding aid.

Dr. Till's publications number over two hundred and there are files on most of them in this series. It begins with a file of letters to the editor for the years 1970 to 2002. Dr. Till's articles, chapters in books, and "comments" are arranged chronologically. Included are a few manuscripts for papers that were not published. Researchers interested in a number of collaborative articles with Ernest McCulloch that are missing should consult Dr. McCulloch's personal records, also in the University Archives.

The files contain any combination of research notes, correspondence, drafts, offprints, and other supporting documentation. Internal reports for administrative purposes at the University of Toronto, the Ontario Cancer Institute, and other organizations are not included in this series and few are present elsewhere in this accession.

Photographs used for figures have been retained with the articles to which they pertain.

Access: Open

Boxes: B2005-0031/018 - /023 (01) – (04)

For file listing of this series, see Appendix

Series 8: Addresses

1965-2003

0.52 m; textual, graphic

When giving public addresses, Dr. Till often made liberal use of slides, overheads and, latterly, "powerpoint". Some of his presentations consist solely of slides or the paper originals of overheads (the acetate overheads have, for the most part, been disposed of), which served as illustrations for his remarks. Where identified, these have been retained.

The series begins with a number of folders containing a mixture of correspondence about, notes and background information for, and occasional press coverage of, addresses for the years 1965-1982. These are followed by files for approximately 90 addresses (and a few interviews) arranged chronologically, with accompanying correspondence and drafts. Between 1986 and 1994 many of these consist predominantly of slides. While most addresses were given at conferences, seminars, and workshops dealing with various aspects of his research, Dr. Till also gave freely of his time to speak to the broader public. Included is his address to the Royal Society of London, into which he was inducted in 2000.

Access: Open

Boxes	Description	Date range
B2005-0031/023 (15) – (18)	Addresses	1965-1982
B2005-0031/024	Addresses	1969-1992
B2005-0031/025	Addresses	1992-1997
B2005-0031/026	Addresses	1997-2002
B2005-0031/027	Addresses	2003

Series 9: Photographs

1910-2007

201 photographs (colour and b&w); various sizes

46 digital photographs (137 MB; .jpg)

1 digital textual file (.PDF)

Photographs document mainly the professional life of Dr. Till. Included are various portraits and publicity shots taken of Dr. Till throughout his career. There are also photographs relating to his education at the University of Saskatchewan, his association with various organizations including the National Cancer Institute of Canada (NCIC), honours and awards including the Thomas W. Edie Medal (1991) and his honorary degree from the University of Toronto in 2004. Dr. Till attended and participated in many professional conferences and symposiums. Early ones documented here are: NCIC conference in 1954; Congress of Radiation Researchers, Monte Carlo, 1968; International Congress of Developmental Biologists, Moscow, 1969. Finally this series includes a few early family photos dated 1910-1950.

Access: Open

Boxes: B2005-0031/001P
B2010-0028/001P - /002P

Digital folders: B2010-0028df001, B2010-0028df002

For file listing of this series, see Appendix

Appendix

Series 7: Manuscripts and publications

File number	File title	Date range
B2005-0031/018(01)	Letters to the editor	1970-2002
B2005-0031/018(02)	Johns HE, Till JE, Cormack DV, Electron energy distributions produced in water by gamma-rays, <i>Nucleonics</i> , 12(10), 40-6, October 1954	1954
B2005-0031/018(03)	Cormack DV, Till JE, Whitmore GF, Johns HE, Measurement of continuous x-ray spectra with a scintillation spectrometer, <i>British Journal of Radiology</i> , 28, 605-609, November 1955	1955
B2005-0031/018(04)	Till JE, Pollard E, Cross reaction of deuterium bombarded T1 bacteriophage, <i>Archives of Biochemistry and Biophysics</i> , 63(1), 260-262, July 1956	1956
B2005-0031/018(05)	Gwatkin RBL, Till JE, Whitmore GF, Siminovitch L, Graham AF, Multiplication of animal cells in suspension measured by colony counts, <i>Proceedings of the National Academy of Sciences (USA)</i> , 43(6), 451-457, June 1957	1957
B2005-0031/018(06)	Till JE, Whitmore GF, Effects of a radiation-induced G2 block on the kinetics of DNA synthesis and cell division in L-cell suspension cultures. Unpublished manuscript	[195-]
B2005-0031/018(07)	Till JE [and (?)], Giant cells in X-irradiated animal cell culture, Parts I and II. Unpublished (?) manuscript	[195-]
B2005-0031/018(08)	Till JE, Pollard EC, Effects of ionizing radiation on cross-reactivation of T1 bacteriophage, <i>Radiation Research</i> , 8(4), 344-60, April 1958	1958
B2005-0031/018(09)	Whitmore GF, Till JE, Gwatkin RBL, Siminovitch L, Graham AF, Increase of cellular constituents in x-irradiated mammalian cells, <i>Biochimica et Biophysica Acta</i> , 30, 583-590, 1958	1958
B2005-0031/018(10)	Till, JE, Whitmore GF. Effects of x-rays on mammalian cells in tissue-culture, in <i>Proceedings of the Third Canadian Cancer Conference</i> . New York: Academic Press, Inc, 1959, 415-431	1958-1959
B2005-0031/018(11)	Till JE, McCulloch EA, Hall AED, The Radiation Sensitivity of Mouse Bone Marrow Cells, <i>Radiation Research</i> , 11(3), 118, September 1959. Abstract	1959

File number	File title	Date range
B2005-0031/018(12)	Stanners CP, Till JE, DNA synthesis in individual L-strain mouse cells, <i>Biochimica et Biophysica Acta</i> , 37, 406-19, 1960	1959-1986
B2005-0031/018(13)	McCulloch EA, Till JE, The radiation sensitivity of normal mouse bone marrow cells, determined by quantitative marrow transplantation into irradiated mice, <i>Radiation Research</i> , 13(1), 115-25, Jul 1960. Correspondence	1960-1985
B2005-0031/018(14)	McCulloch EA, Till JE, The radiation sensitivity of normal mouse bone marrow cells, determined by quantitative marrow transplantation into irradiated mice, <i>Radiation Research</i> , 13(1), 115-25, Jul 1960. Experiments, notes	1958-1960
B2005-0031/018(15)	McCulloch EA, Till JE, The radiation sensitivity of normal mouse bone marrow cells, determined by quantitative marrow transplantation into irradiated mice, <i>Radiation Research</i> , 13(1), 115-25, Jul 1960. Drafts	1960
B2005-0031/018(16)	Till JE, McCulloch EA, A direct measurement of the radiation sensitivity of normal mouse bone marrow cells, <i>Radiation Research</i> , 14(2), 213-22, Feb 1961	1961, 1992-2002
B2005-0031/018(17)	Whitmore GF, Stanners CP, Till JE, Gulvas S, Nucleic acid synthesis and the division cycle in x-irradiated L-strain mouse cells, <i>Biochimica et Biophysica Acta</i> , 47, 66-77, 1961	1961
B2005-0031/018(18)	Till JE, Radiosensitivity and chromosome numbers in strain L mouse cells in tissue culture, <i>Radiation Research</i> , 15(3), 400-409, September 1961	1961
B2005-0031/018(19)	Till JE, Radiation effects on the division cycle of mammalian cells in vitro, <i>Annals of the New York Academy of Sciences</i> , 95, Article 2, 911-919, 13 November 1961. Correspondence	1960-1962
B2005-0031/018(20)	Till JE, Radiation effects on the division cycle of mammalian cells in vitro, <i>Annals of the New York Academy of Sciences</i> , 95, Article 2, 911-919, 13 November 1961. Drafts	1960-1961
B2005-0031/018(21)	McCulloch EA, Till JE, The sensitivity of cells from normal mouse bone marrow to gamma radiation in vitro and in vivo, <i>Radiation Research</i> , 16(6), 822-32, June 1962	1962

File number	File title	Date range
B2005-0031/018(22)	Hunt JW, Till JE, Williams JF, Radiation damage and free radical production in irradiated ribonuclease, <i>Radiation Research</i> , 17(5), 703-711, November 1962	1962
B2005-0031/018(23)	Till JE, McCulloch EA, Early repair processes in marrow cells irradiated and proliferating in vivo, <i>Radiation Research</i> , 18(1), 96-105, January 1963. Correspondence	1962-1987
B2005-0031/018(24)	Till JE, McCulloch EA, Early repair processes in marrow cells irradiated and proliferating in vivo, <i>Radiation Research</i> , 18(1), 96-105, January 1963. Drafts, photos	1962
B2005-0031/019(01)	Becker AJ, McCulloch EA, Till JE, Cytological demonstration of the clonal nature of spleen colonies derived from transplanted mouse marrow cells, <i>Nature</i> , 197(4866), 452-4, 02 Feb 1963	1963-2003
B2005-0031/019(02)	Till JE, Whitmore GF, Gulyas S, Deoxyribonucleic acid synthesis in individual L-strain mouse cells, <i>Biochimica et Biophysica Acta</i> , 72, 277-289, 1963	1963, 1983
B2005-0031/019(03)	McCulloch EA, Till JE, Repression of colony-forming ability of C57BL hematopoietic cells transplanted into non-isologous hosts, <i>Journal of Cellular and Comparative Physiology</i> , 61(3), 301-8, June 1963	1963
B2005-0031/019(04)	Mak S, Till JE, Use of ¹²⁵ I-labeled 5-Iodo-2'-deoxyuridine for the measurement of DNA synthesis in mammalian cells in vitro, <i>Canadian Journal of Biochemistry and Physiology</i> , 41, 2343-2351, 1963	1963, 1989
B2005-0031/019(05)	Till JE, Quantitative aspects of radiation lethality at the cellular level, <i>American Journal of Roentgenology Radiation Therapy and Nuclear Medicine</i> , 90(5), 917-926, November 1963	1963
B2005-0031/019(06)	Stanners CP, Till JE, Siminovitch L, Studies on the transformation of hamster embryo cells in culture by polyoma virus, <i>Virology</i> , 21(3), 448-463, November 1963	1963
B2005-0031/019(07)	Mak S, Till JE, The effects of X-rays on the progress of L-cells through the cell cycle, <i>Radiation Research</i> , 20(4), 600-618, December 1963	1963

File number	File title	Date range
B2005-0031/019(08)	Siminovitch L, McCulloch EA, Till JE, The distribution of colony-forming cells among spleen colonies, <i>Journal of Cellular and Comparative Physiology</i> , 62(3), 327-36, 01 Dec 1963	1963, 2005
B2005-0031/019(09)	Whitmore GF, Till JE, Quantitation of cellular radiobiological responses, <i>Annual Review of Nuclear Science</i> , 14, 347-74, 1964	1964
B2005-0031/019(10)	Till JE, McCulloch EA, Siminovitch L, A stochastic model of stem cell proliferation, based on the growth of spleen colony-forming cells, <i>Proceedings of the National Academy of Sciences (USA)</i> , 51(1), 29-36, January 1964	1963-2003
B2005-0031/019(11)	Till JE, McCulloch EA, Repair processes in irradiated mouse hematopoietic tissue, <i>Annals of the New York Academy of Sciences</i> , 114, Article 1, 115-125, 31 March 1964	1964
B2005-0031/019(12)	McCulloch EA, Siminovitch L, Till JE, Spleen-colony formation in anemic mice of genotype WW ^v , <i>Science</i> , 144, 844-846, 15 May 1964	1963-1964
B2005-0031/019(13)	McCulloch EA, Till JE, Proliferation of hemopoietic colony-forming cells transplanted into irradiated mice, <i>Radiation Research</i> , 22(2), 383-397, June 1964	1964
B2005-0031/019(14)	Siminovitch L, Till JE, McCulloch EA, Decline in colony-forming ability of marrow cells subjected to serial transplantation into irradiated mice, <i>Journal of Cellular and Comparative Physiology</i> , 64(1), 23-32, August 1964	1964, 1986
B2005-0031/019(15)	Till JE, McCulloch EA, Siminovitch L, Isolation of variant cell lines during serial transplantation of hematopoietic cells derived from fetal liver, <i>Journal of the National Cancer Institute</i> , 33(4), 707-720, October 1964	1964-1967
B2005-0031/019(16)	Till JE, McCulloch EA, Siminovitch L, Isolation of variant cell lines during serial transplantation of hematopoietic cells derived from fetal liver, <i>Journal of the National Cancer Institute</i> , 33(4), October 1964, 707-720. Figures and photos for article	1964
B2005-0031/019(17)	Williams JF, Till JE, Transformation of rat embryo cells in culture by polyoma virus, <i>Virology</i> , 24(3), 505-508, November 1964,	1964

File number	File title	Date range
B2005-0031/019(18)	McCulloch EA, Till JE, Siminovitch L, Genetic factors affecting the control of hemopoiesis, in <i>Canadian Cancer Conference, Proceedings of the sixth Canadian Cancer Research Conference, Honey Harbour, Ontario, 1964</i> . New York: Pergamon Press, 1965, 336-356	1965
B2005-0031/019(19)	McCulloch EA, Till JE, Siminovitch L, Host-cell interactions in mice bearing isologous hemopoietic grafts, in <i>CNRS Colloque sur la Greffe de Cellules Hématopoïétiques allogéniques, Paris, 7-9 septembre 1964</i> . Paris: Centre National de la Recherche Scientifique, No. 147, 1965, 61-71	1965
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B2005-0031/021 (42)	Osoba D, Falk JA, Sousan, P, Ciampi A, Till JE, The prognostic value of HLA phenotypes in Hodgkin's Disease, <i>Cancer</i> , 46(8), 1825-1832, 15 October 1980	1980
B2005-0031/021 (43)	Till JE, McCulloch EA, Hemopoietic stem cell differentiation, <i>Biochimica et Biophysica Acta</i> , 605(4), 431-59, November 1980	1980-1983
B2005-0031/021 (44)	Ciampi A, Bush RS, Gospodarowicz M, Till JE, An approach to classifying prognostic factors related to survival experience for non-Hodgkin's lymphoma patients: based on a series of 982 patients: 1967-1975, <i>Cancer</i> , 47(3), 621-7, February 1981	1981
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B2005-0031/021 (46)	Boyd NF, Sutherland HJ, Ciampi A, Tibshirani R, Till JE, Harwood A, A comparison of methods of assessing voice quality in laryngeal cancer, in <i>Choices in Health Care: decision making and evaluation of effectiveness</i> . University of Toronto, Department of Health Administration, 1982, 141-144	1982
B2005-0031/021 (47)	Sutherland HJ, Llewellyn-Thomas H, Boyd NF, Till JE, Attitudes toward quality of survival. The concept of 'maximal endurable time', <i>Medical Decision Making</i> , 2(3), 299-309, 1982	1982, 1988
B2005-0031/021 (48)	Llewellyn-Thomas H, Sutherland HJ, Tibshirani R, Ciampi A, Till JE, Boyd NF, The measurement of patients' values in medicine, <i>Medical Decision Making</i> , 2(4), 449-462, Winter 1982	1982
B2005-0031/021 (49)	Ciampi A, Silberfeld M, Till JE, 'Measurement of individual preferences: the importance of "situation-specific" variables, <i>Medical Decision Making</i> , 2(4), 483-495, Winter 1982	1982
B2005-0031/021 (50)	Till, JE, Stem cells in differentiation and neoplasia, <i>Journal of Cellular Physiology Supplement</i> 1, 3-11, 1982	1982

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B2005-0031/021 (51)	Till, JE, Regulation of hemopoietic stem cells, in U Torelli <i>et al</i> , <i>Frontiers in Experimental Hematology</i> , Rome: Serono Symposia, 1983	1983
B2005-0031/021 (52)	Till JE, DeBoer G. Use of an information system to foster research, in Edward M. Bennett and Barry Trute, ed., <i>Mental Health Information Systems: problems and prospects</i> , New York: Edwin Mellen Press, 1983, 249-261	1983
B2005-0031/021 (53)	Deboer G, Bean H, Brazier T, Elhakim T, Elliott J, Howatson A, McCartney M, Till JE, Evaluation of cancer treatment: use of a medical info system to compare costs of alternative modes of threatment for advanced indolent malignant lymphoma, in <i>MEDINFO-83</i> , ed. van Bommel, Ball, Wigertz, 1983, 230-236	1983
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B2005-0031/021 (56)	Till JE, McNeil BJ, Bush RS, Measurement of multiple components of quality of life, <i>Cancer Treatment Symposia</i> , 1, 177-81, 1984	1984, 2002
B2005-0031/021 (57)	Roncari DA, Salter RB, Till JE, Lowy FH, Is the clinician-scientist really vanishing? Encouraging results from a Canadian institute of medical science, <i>Canadian Medical Association Journal</i> , 130(8), 977-9, 15 April 1984	1983-1984
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B2005-0031/021 (59)	Llewellyn-Thomas H, Sutherland HJ, Tibshirani R, Ciampi A, Till JE, Boyd NF, Describing health states. Methodologic issues in obtaining values for health states, <i>Medical Care</i> , 22(6), 543-52, June 1984	1984

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B2005-0031/021 (61)	Llewellyn-Thomas HA, Sutherland HJ, Hogg SA, Ciampi A, Harwood AR, Keane TJ, Till JE, Boyd NF, Linear analogue self-assessment of voice quality in laryngeal cancer?, <i>Journal of Chronic Diseases</i> , 37(12), 917-924, 1984	1984
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B2005-0031/021 (66)	Till JE, Quality-of-life assessment, <i>Humane Medicine</i> , 2, 100-104, 1986	1986
B2005-0031/021 (67)	Ciampi A, Kates L, Buick R, Kriukov Y, Till JE, Multi-type Galton-Watson process as a model for proliferating human tumour cell populations derived from stem cells: estimation of stem cell self-renewal probabilities in human ovarian carcinomas, <i>Cell and Tissue Kinetics</i> , 19(2), 129-40, March 1986	1986-1995

File number	File title	Date range
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B2005-0031/022(02)	Till, JE, Selecting scientists – the Terry Fox experience, in proposed book, <i>The Training of Clinician Scientists: proceedings of a symposium on the clinician scientist for the 1990s [1987]</i>	1987-1988
B2005-0031/022(03)	Till, JE, Quality of survival, in HR Withers and LJ Peters, ed., <i>Medical radiology innovations in radiation oncology</i> , Berlin: Springer-Verlag, 1988, 25-32	1988
B2005-0031/022(04)	Siberfeld M, Phoenix C, Lockwood G, Tritchler D, Till, JE, Choosing a risky treatment, <i>Psychiatric Journal of the University of Ottawa/Revue de psychiatrie de l'Université d'Ottawa</i> , 13, 1, 9-11, 1988	1986, 1988
B2005-0031/022(05)	Ciampi A, Lockwood G, Sutherland HJ, Llewellyn-Thomas, HA, Till JE, Assessment of health-related quality of life: factor scales for patients with breast cancer, <i>Journal of Psychosocial Oncology</i> , 6(1/2), 1-19, 1988	1986-1991
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B2005-0031/022(09)	Sutherland HJ, Llewellyn-Thomas HA, Lockwood GA, Tritchler DL, Till JE, Cancer patients: their desire for information and participation in treatment decisions, <i>Journal of the Royal Society of Medicine</i> , 82(5), 260-3, May 1989	1989, 2002
B2005-0031/022(10)	Langley, GR, Till, JE, Exemplary family physicians and consultants: empirical definition of contemporary medical practice, <i>Cmaj</i> , 141, 301-307, 15 August 1989	1989-1996
B2005-0031/022(11)	Iscoe NA, Cunningham AJ, Osoba D, Till JE, Research priorities in the psychosocial and behavioral aspects of cancer care: a group consensus approach, <i>Humane Medicine</i> , 5, 26-30, Autumn 1989	1989
B2005-0031/022(12)	O'Brien-Pallas L, Tritchler D, Till JE, Variability in nursing workload within CMGs, <i>Healthcare Management FORUM/ FORUM Gestion de soins de santé</i> , 2(3), 26-31, Autumn 1989	1989
B2005-0031/022(13)	Sutherland HJ, Lockwood GA, Till JE, Are we getting informed consent from patients with cancer?, <i>Journal of the Royal Society of Medicine</i> , 83(7), 439-43, July 1990; Reprinted in <i>Bioethics News – Ethics Committees: a special supplement</i> , 11(2), 5-14, January 1992	1990-1997
B2005-0031/022(14)	Till JE, H Sutherland, Research in clinical decision-making and health-related behavior, in <i>Cancer in Ontario 1990 "Care of the person with cancer"</i> , 1991	1990-1991
B2005-0031/022(15)	Osoba D, Aaronson, NK, Till JE. 'A practical guide for selecting quality-of-life measures in clinical trials and practice, in David Osoba, ed., <i>Effect of Cancer on Quality of Life</i> . Boston: CRC Press, 1991, 89-104	1991
B2005-0031/022(16)	Till, JE, Uses (and some possible abuses) of quality-of-life measures, in David Osoba, ed., <i>Effect of Cancer on Quality of Life</i> . Boston: CRC Press, 1991, 137-154	1991

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B2005-0031/022(20)	Sutherland HJ, Lockwood GA, Tritchler DL, Sem F, Brooks L, Till JE, Communicating probabilistic information to cancer patients: is there 'noise' on the line?, <i>Social Science and Medicine</i> , 32(6), 725-31, 1991	1991
B2005-0031/022(21)	Degner LF, Jerry LM, Till JE, Communication in cancer: report on the Terry Fox Workshop [editorial], <i>Cmaj</i> , 144(11), 1417-8 1421-3, June 1991	1991
B2005-0031/022(22)	Wright LC, Sutherland HJ, Jackson JI, Till JE, 'Comparison of search strategies on CD Plus/MEDLINE, <i>Cmaj</i> , 145(5), 457-464, 1 September 1991	1991-1992
B2005-0031/022(23)	Simpson M, Buckman R, Stewart M, Maguire P, Lipkin, M, Novack D, Till JE, Doctor-patient communication: the Toronto consensus statement, <i>BMJ</i> , 303, 1385-1387, 30 November 1991	1991
B2005-0031/022(24)	Till JE, Sutherland HJ, Meslin EM, Is there a role for preference assessments in research on quality of life in oncology?, <i>Quality of Life Research</i> , 1(1), 31-40, February 1992	1991-1996
B2005-0031/022(25)	Langley, G. Ross, MacLennan, Andrea M., Sutherland, Heather J., and Till, JE. 'Effect of nonmedical factions on family physicians' decisions about referral for consultation, <i>Cmaj</i> , 147(5), 659-666, 1992	1992-1994

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B2005-0031/022(26)	Danoff, Deborah, Till JE, <i>et al.</i> , Consensus statement from the Workshop on the teaching and assessment of communication skills in Canadian medical schools, <i>Cmaj</i> , 147(8), 1149-1150, 1992	1992-1994
B2005-0031/022(27)	Langley, G. Ross, Till JE, 'How to improve the quality of the consultation and referral system, <i>Annals RCSPC</i> , 26(3), 157-159, June 1993	1993
B2005-0031/022(28)	Sutherland HJ, Till JE, Quality of life assessments and levels of decision making: differentiating objectives, <i>Quality of Life Research</i> , 2(4), 297-303, August 1993	1993
B2005-0031/022(29)	Sutherland HJ, Carlin K, Harper W, Martin LJ, Greenberg CV, Till JE, Boyd NF, A study of diet and breast cancer prevention in Canada: why healthy women participate in controlled trials, <i>Cancer Causes and Control</i> , 4(6), 521-8, November 1993	1993
B2005-0031/022(30)	Sutherland HJ, Meslin EM, da Cunha R, Till JE, Judging clinical research questions: what criteria are used?, <i>Social Science and Medicine</i> , 37(12), 1427-30, December 1993	1992-1996
B2005-0031/022(31)	Sutherland HJ, Meslin EM, Till JE, What's missing from current clinical trial guidelines? A framework for integrating science, ethics, and the community context, <i>Journal of Clinical Ethics</i> , 5(4), 297-303, Winter 1994	1994
B2005-0031/022(32)	Sutherland, HJ, Till JE, Podejmowanie decyzji na mikro-, mezo- i makro – poziomach struktury ochrony zdrowia (Quality of life and decision making at micro, meso and macro levels), <i>Nowotwory</i> , 44, 93-100, 1994	1994
B2005-0031/022(33)	Till JE, Measuring quality of life: apparent benefits, potential concerns, <i>Canadian Journal of Oncology</i> , 4(1), 243-8, January 1994	1994-1997
B2005-0031/022(34)	Sutherland HJ, Till JE, Opinion polling and decision making: a critical appraisal of quality of life assessment, <i>Quality of Life Research</i> , 3(2), 155-62, April 1994	1993- 1994
B2005-0031/022(35)	Meslin EM, Lavery JV, Sutherland HJ, Till JE, Judging the ethical merit of clinical trials: what criteria do research ethics board members use?, <i>IRB</i> , 16(4), 6-10, 1994	1994

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B2005-0031/022(36)	Till JE, Osoba D, Pater JL, Young JR, Research on health-related quality of life: dissemination into practical applications, <i>Quality of Life Research</i> , 3(4), 279-83, August 1994	1994
B2005-0031/022(37)	Till JE. Appraisal of priorities for cancer control research: the case of research on health-related quality of life. 27 September 1994. Unpublished manuscript	1994
B2005-0031/022(38)	Meslin EM, Sutherland HJ, Lavery JV, Till JE, Principlism and the ethical appraisal of clinical trials, <i>Bioethics</i> , 9, 399-418, 1995	1995
B2005-0031/022(39)	Osoba D, Till JE, Pater JL, Young JR, Health-related quality of life: measurement and clinical application. A workshop report, <i>Canadian Journal of Oncology</i> , 5(1), 338-43, March 1995	1995
B2005-0031/022(40)	Till JE, Discussion groups on the Internet: where to begin? <i>Canadian Journal of Oncology</i> , 5(3), 377-8, September 1995	1995-1998
B2005-0031/022(41)	Till, JE, 'Cancer-related Internet discussion groups, <i>Humane Medicine</i> , 11(4), 142-143, November 1995	1995-1996
B2005-0031/022(42)	Cormack DV, Fisher PM, Till JE, A study of waiting times and waiting lists for radiation therapy patients, <i>Canadian Journal of Oncology</i> , 6(1), 427-34, June 1996	1996
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B2005-0031/022(44)	Langley GR, Minkin S, Till JE, Regional variation in non-medical factors affecting family physicians' decisions about referral for consultation, <i>Cmaj</i> , 157(3), 265-72, August 1997	1997
B2005-0031/023(01)	Till JE, An introduction to the framework project, <i>Cancer Prevention and Control</i> , 1(3), 192-5, August 1997	1997
B2005-0031/023(02)	Till JE, Research ethics: Internet-based research, Part I : On-line survey research', 18 November 1997	1997
B2005-0031/023(03)	Sutherland HJ, da Cunha R, Lockwood GA, Till JE, What attitudes and beliefs underlie patients' decisions about participating in chemotherapy trials?, <i>Medical Decision Making</i> , 18(1), 61-9, 01 Jan 1998	1998-2001

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B2005-0031/023(04)	Till JE, Harold Elford Johns 1915-1998, <i>Proceedings of the Royal Society of Canada, XI (Sixth Series)</i> , 121-124, 2000	2000
B2005-0031/023(05)	Till JE, Peer review in a post-eprints world: a proposal, <i>Journal of Medical Internet Research [electronic Resource]</i> , 2(3), E14, 2000	2000-2005
B2005-0031/023(06)	Till JE, Predecessors of preprint servers, <i>Learned Publishing</i> , 14(1), 7-13, Jan 2001	2001
B2005-0031/023(07)	Eysenbach G, Till JE, Ethical issues in qualitative research on internet communities, <i>Bmj (clinical Research Ed.)</i> , 323(7321), 1103-5, November 2001	2001-2002
B2005-0031/023(08)	Till JE, Success factors for open access, <i>Journal of Medical Internet Research [electronic Resource]</i> , 5(1), E1, 2003	2003
B2005-0031/023(09)	Till JE, Phillips RA, Jadad AR, Finding Canadian cancer clinical trials on the Internet: an exploratory evaluation of online resources, <i>Canadian Medical Association Journal /Journal De L'association Medicale Canadienne</i> , 168(9), 1127-9, April 2003	2002-2003
B2005-0031/023(10)	Till JE, Evaluation of support groups for women with breast cancer: importance of the navigator role, <i>Health and Quality of Life Outcomes</i> , 1(1), 16, 1 May 2003	2003
B2005-0031/023(11)	Till JE, Cancer-related Electronic Support Groups As Navigation-aids: Overcoming Geographic Barriers, <i>Journal of Cancer Integrative Medicine</i> , 2(1), 21-24, Winter 2004	2003-2004
B2005-0031/023(12)	McCulloch EA, Till JE, Perspectives on the Properties of Stem Cells, <i>Nature Medicine</i> , 11(10), 1026-8, Oct 2005	2005
B2005-0031/023(13)	Till JE, Tritthler DL, What might Tonga learn from Iceland?, in James V. Lavery, <i>et al.</i> , <i>Ethical Issues in International Biomedical Research: A case book</i> . New York, Oxford University Press, 2005. Background files, notes, correspondence	1999-2002
B2005-0031/023(14)	Till JE, Tritthler DL, What might Tonga learn from Iceland?, in James V. Lavery, <i>et al.</i> , <i>Ethical Issues in International Biomedical Research: A case book</i> . New York, Oxford University Press, 2005. Drafts, with covering correspondence	2002-2004

Series 9: Photographs

File number	Description	Date range
B2005-0031/001P(01)	Thomas W. Eadie Medal of the Royal Society of Canada removed from /001(06)	1991
B2005-0031/001P(02)	National Cancer Institute of Canada's Centre for Behavioural Research and Program Evaluation workshop, 'Health sciences research in breast cancer' removed from /001(14)	24 Nov. 1995
B2005-0031/001P(03)	Alan Forsyth Howaston removed from /003(04)	n.d.
B2005-0031/001P(04)	Ernest A. McCulloch removed from /006(02)	n.d.
B2005-0031/001P(05)	Symposium on Hemopoietic Stem Cells Toronto. Photoprint and slides removed from /006(03)	16-17 May 2001
B2005-0031/001P(06)	participants in the first Canada-US Breast Cancer Advocacy Conference, Geneva Park, Ontario, removed from /007(09)	17-20 Nov. 1996
B2005-0031/001P(07)	Informal photograph of Michael Smith after he received the Nobel Prize in Chemistry removed from box 008(05)	Ca. 1993
B2005-0031/001P(08)-(09)	Till family photographs	1910-1958
B2005-0031/001P(10)-(12)	J. E. Till at University of Saskatchewan	1952-1954
B2005-0031/001P(13)	Trip to Cancer conference, NCI/CCS, Honey Harbour, Ontario (first visit to Ontario)	1954
B2005-0031/001P(14)-(17)	J.E.Till portraits	196- - 1978
B2005-0031/001P(18)-(19)	J.E. Till portraits	1975, 1986, 1988
B2005-0031/001P(20)-(21)	J.E. Till – at work	1988, 1991
B2005-0031/001P(22)-(30)	J.E. Till – at events, conferences, award ceremonies	1967-2004
B2005-0031/001P(31)	University of Toronto Convocation. Honorary Degrees in Science to Dr. Till and Dr. McCulloch	June 9, 2004
B2010-0028/001P(01)	Gairdner Award 50th Anniversary Gala. Group photograph	Oct 2009

File number	Description	Date range
B2010-0028/001P(02)	NCI. Advisory Committee on Research (1993-1994). Group photograph. Michael Smith holding Nobel Prize in Chemistry. Others identified on back of photograph including Jim Till.	1993
B2010-0028/001P(03)	Congress of International Society of Hematology, Japan. Removed from /001 (03). 4 photographs. Identification back of photos. Includes Jim Till, Ernest McCulloch	Aug. 2000
B2010-0028/001P(04)	University of Toronto Convocation. Honorary Degrees in Science to Dr. Till and Dr. McCulloch. 27 photographs	June 9, 2004
B2010-0028/001P(05)	Albert Lasker Basic Medical Research Award. 5 Formal photographic colour prints	2005
B2010-0028df001	8 digital photographs (.jpg) of Dr. Till and Dr. McCulloch for the Albert Lasker Basic Medical Research Award, taken by Allan Connor at the Ontario Cancer Institute.	2005
B2010-0028df002	38 digital photographs (.jpg) of the Awards Luncheon for the 2005 Albert Lasker Basic Medical Research Award. Includes a listing of the photographs with captions.	2005
B2010-0028/001P(06)	University of Lethbridge. Honorary Award (DSc): 1 formal portrait of Dr. Till; one group photograph	June 1, 2007
B2010-0028/002P(01)	Order of Canada – 1 photograph	1994
B2010-0028/002P(02)	Order of Ontario – group photograph	Dec. 20, 2006