

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

Finding Aid – Calvin Gotlieb fonds

Contains the following accessions:

- B1988-0060
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- B2002-0003

B1988-0069

GOTLIEB, Calvin Carl

- /001 University of Toronto
FERUT/UTEC/Computation Centre, 1947-61
Startup; earliest correspondence; operating records,
1947-1957
Illiac Project with University of Illinois. Correspondence,
1956-1960
IBM 650. Operating records, 1958-1962
IBM 7094. Operating records, 1962-1965
- /002 Institute of Computer Science, 1962-1970 [predecessor of TCS, DCS]
Advisory Committee, 1965-1968
Managers and related files
Computer Policies and Planning Committee.
Correspondence, minutes, reports
- /003 Academic files

Early courses on computers at U of T, 1951-1972
Curricula, problem sets, examination questions, lecture notes
*Enrolments and marks for early computer courses, 1951-1972
Early theses, 1951-1960
*Early theses appraisals

Computers and the University of Toronto Library
Early projects, 1965-1970
UTLAS, 1979-1981
- /004 Committees (member and chair)

University of Toronto
Committee on the recommendation of the appointment of a
Director for Medical Computing Facilities at the
University of Toronto, 1967 [chair]
Provost's Committee to Renew the Relationship between the
University of Toronto and the Ontario Institute for
Studies in Education, 1979-1980
Toronto School of Theology. Board of Directors, 1978-1984
University of Toronto Press. Sub-Committee on Non-Print
Media, 1969-1970
Presidential Advisory Committee on Instructional Media,
1970-1979 [member; chair, 1978-79]
National Sciences and Engineering Research Council
Grant Selection Committee, 1973
Task Force on Equipment. Meetings, February-December, 1980

Canada. Defence Research Board. Advisory Committee on Research,
1970-1973
Canada. Committee on Applied Mathematics and Computer Science
- /005 Committee of Presidents of the Universities of Ontario.
Subcommittee on Computer Science [chair]. Minutes, correspondence,
circulars, and reports, 1969-1970
Management Advisory Committee on Computer Co-ordination. Minutes and
correspondence, 1969-1970
Sub-Committee on Computer Services. Minutes, 1967-1971; miscellaneous
reports
CPUO/Council of Ontario Universities Joint Ad Hoc Subcommittee on
Regional Planning Centres [co-chair], June, 1968-April,
1969
Correspondence, minutes, reports

- /006 Accounts and reports
Council of Ontario Universities
Computer Services Co-ordination Board, 1970- July, 1977
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CSCB/CANUMET, METANET, 1972-1975
Canada. Dept. of Communications. CANUMET Project Advisory Committee
Correspondence, minutes, reports, 1971-1973
- /007- Canadian International Development Agency. The COMBRA Program
/008 [CIDA/U of T/ U of Waterloo/ six Brazilian universities]
Correspondence, minutes, reports, 1974-1981
- /009- United Nations Economic and Social Council. Advisory Committee on the
/010 Application of Computer Technology for Development.
Correspondence, minutes, reports, 1968-1977
- /011 Canadian Information Processing Society [CIPS]
Correspondence, memoranda, reports 1968-1983
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1958], Proceedings
Computer and Data Processing Society of Canada
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Research in Computer Science [University of Manitoba : 1970]
International computer committees/activities
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Centre. Correspondence, reports, 1961-1973
International Institute for Applied Systems Analysis. Canadian Committee,
1973
United Nations Computing Research Centre, Bratislava. 1969
United Nations Organization for Economic Co-operation and Development,
1969-1975
NATO. Correspondence and conference material, 1969-1975
World Simulation Organization. Correspondence, 1973-1974
Data for Development International Association. Correspondence, reports,
1977-1981
International Seminar on Information Systems in Public Administration
[Paris : 1979]
- National Study (Canada/USA), 1978
- /012 Council for Israel's Economic Development. Computer Committee, 1970-1973
Jerusalem Conference on Information Technology. (2nd : 1974) [member,
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American Federation of Information Processing Societies [AFIPS]
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- /013 International Federation for Information Processing [IFIP]
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Committee for International Liaison, 1970- 1977
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(1959 : Paris)
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- /014 Technical Committee #9 [TC-9] (Computers and Society)
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- /016 Stockholm meeting, September, 1983
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- /017 Working Group 9.2
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TC-3/9 - Working Conference, 1984
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- /018 1980-1982
Correspondence, 1984-1986
IFIP World Computer Conference (9th : 1983)
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- /019 *Circuletters*, #1-18 (1975-1981)
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- /020 Panels for IFIP Congress, 1977 (Toronto)
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Organization for Economic Co-operation and Development [OECD], 1977-1980
- /021 C.C. Gotlieb--Editorial, Editor-in-Chief

Computer journals--Start-up phase
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Computer Compacts--North-Holland, 1982-1985
Information Processing Letters--North-Holland, 1969-1976

- /021 C.C. Gotlieb--Editorial, Editor-in-Chief
Computer journals--start-up phase
*Journal of the Association for Computer Machinery/Communications of the Association...*1965-1986 [Editor-in-Chief]
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- /022 Committees of the University of Toronto and elsewhere
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Research Board. Supercomputer Review Committee
Report, 1986
Activities and follow-up as Acting Director, January-September, 1986
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- /023 University of Toronto. Dept. of Computer Science
IBM 7090 meetings. Minutes, 1961-1964
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University of Toronto Archives



Calvin Carl Gotlieb
Personal Records
B1994-0022

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Scope and Content

Records [textual], 1982-1994, 0.97 m.

Correspondence, surveys, minutes, drafts of reports, reports, notices and addresses related to the work of computing committees at the University of Toronto, especially those focusing on large scale computation and the CRAY X/MP computer (1986-1992); to Professor Gotlieb's activities as colloquium co-ordinator in the Department of Computer Science (1984-1994), and to his role as a director of the McLuhan Program in Culture and Technology (1982-1988).

Access: Open**Series 1: University of Toronto. Department of Computer Science**

Records, 1984-1990, 0.51 m.

In 1984 Professor Gotlieb took over from Martin Molle the responsibility for organizing the numerous colloquia and seminars held each year in the Department. Drawing on his extensive network of contacts, Professor Gotlieb was able to bring in speakers from around the world.

This series consists of notes, correspondence with speakers, and notices of the events. The material is grouped by speaker and the arrangement is chronological. E-mail for 1986-1990 is found in box 004, files 01-04.

Date(s)	/Box (file) No.
1982-1994	/001 (01)-(06)
1986-1989	/004 (01)-(04)

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Series 2: University of Toronto. McLuhan Program in Culture and Technology

Records [textual], 1982-1990, 0.07 m.

Marshall McLuhan suffered a stroke during the summer of 1979 and, when it became apparent that he could not continue his duties as Director of the Centre for Culture and Technology, the University decided he should retire (he was 68). He died on 31 December, 1980, six months after the University closed the Centre he had created. This decision created an enormous public outcry.

The closure of the Centre resulted from the report of a review committee which recommended that, in the absence of Dr. McLuhan, it be reconstituted as the McLuhan Program in Culture and Technology within the School of Graduate Studies. The Program would establish "a program of research and scholarship which would extend and preserve the work and ideas of Marshall McLuhan in the area of culture and technology." The committee also recommended that the Program be governed by a board of directors, that the University provide the financial resources for the Program, and that it be subject to periodic review.

Dr. Gotlieb was one of the founding members of the Board in 1982. The University's financial crisis, occasioned by the salary settlements that spring, nearly meant that the Program was stillborn. The Board was to spend a considerable amount of time over the next few years seeking outside funding; the Connaught Foundation proved especially receptive. Professor Gotlieb's resignation from the Advisory Board (as it was known from 1989) was reluctantly accepted in March, 1990.

These files contain correspondence, notes, minutes, financial statements, and reports. The arrangement is chronological.

Date(s)	/Box (file) No.
1982-1990	/001 (07)-(08)

B1994-0022

University of Toronto Archives
Calvin Carl Gotlieb

Series 3: Ontario Centre for Large Scale Computation

Records, 1986-1993, 0.72 m.

In 1986 the Ontario Centre for Large Scale Computation was established at the University of Toronto, the centrepiece of which was a CRAY X/MP computer. The Centre was closed on 31 March, 1992 when the Government of Ontario withdrew its subsidy.

The records in this series document the life of the Centre through the activities of the University groups associated with it. These were the Research Board's Standing Committee on Computing, the Vice-Presidential Task Force on Large Scale Computation, the Parallel Computing Facility Task Group, the Supercomputer Users' Group, and the Advisory Forum on Parallel Computing.

The Research Board, through its Supercomputer Review Committee, which was chaired by Dr. Gotlieb, played a major role in the Supercomputer initiative. To monitor further the activities resulting the acquisition of the CRAY X/MP computer, the Board created, in May, 1986, a Standing Committee on Computing, which Dr. Gotlieb chaired until 1990. In 1991 the Committee was restructured as the Committee (also known as the Sub-Committee) on Computing, and Dr. Gotlieb was invited to chair it.

The minutes, correspondence, notes and reports in files 01-03 of box 002 document the role played by the Committee for the years 1986-1992. File 04 contains E-mail, correspondence, notes, and reports on the allocation of CRAY user time for research from 1987, when the computer was installed, until 1991 when it was removed.

Date(s)	/Box (file) No.
1986-1992	/002 (01)-(04)

In January, 1989 the Vice-President--Research established a Task Force on Large Scale Computation "to provide the essential assessments that will inform and guide future decisions with regard to large scale computing for research", and Dr. Gotlieb was invited to be a member. The Task Force, chaired by Professor K. C. Sevcik, produced a report the following November.

The records of the activities of the Task Force contain minutes, notes, correspondence, memoranda, and supporting documents , along with drafts of the report itself.

Series 3: Ontario Centre for Large Scale Computation

Date(s)	/Box (file) No.
1989-1991	/002 (05)-(08)

Next is correspondence, memoranda, and reports documenting the proposal for renewal of the Ontario Centre for Large Scale Computation during the course of 1991 when reports on its future were being prepared. Also included is an operational review of the Centre prepared in 1988 by John Leppik and others.

Date(s)	/Box (file) No.
1988, 1991	/003 (01)-(02)

The Supercomputer Users' Group at the University of Toronto was formed in 1987 to promote the use of the Centre by researchers. Chaired by Philipp Kronberg, it lobbied the Research Board and other bodies both for continued funding and other forms of support, brought in speakers, and generally helped the project maintain a high profile during its existence. Representatives of the Research Board other than Dr. Gotlieb occasionally attended its meetings.

The files contain correspondence, minutes, press releases, and a profile of CRAY X/MP users.

Date(s)	/Box (file) No.
1987-1990	/003 (03)-(04)

The Parallel Computing Facility Task Group was created in the fall of 1990 by James Keffer, Vice-President, Research, and David Sadlier, Vice-President, Computing and Communications to make recommendations about a parallel computing facility at the University. The Task Group, chaired by Professor Gotlieb, responded to the the events of the previous year, especially the report of the Task Force. It issued a report on 29 November, to which Professor Sadlier responded the following March.

The files on the Task Force Group contain correspondence, minutes, memoranda, notes, drafts of the survey, supporting documents, and E-mail for 1991-1992.

Date(s)	/Box (file) No.
1990-1992	/003 (05)-(08)

Series 3: Ontario Centre for Large Scale Computation

By 1992 three committees of the Research Board, the two chaired by Professor Gotlieb and the one chaired by Professor Sevcik, had reported that the University of Toronto should acquire a parallel computer. The Advisory Committee (later Forum) on Parallel Computing was established in the spring of 1992 to identify short and medium term (for the remainder of 1992) computing requirements at the University, and to make recommendations on the acquisition of a new, high performance parallel computing facility. It held meeting from May, 1992 through October, 1993, by which time the purchase of a KSRI Highly Parallel Computer had been made and it had been installed. The Forum was then dissolved.

The files in this last section of the series contain minutes, notes, correspondence of the Forum and submissions, with covering correspondence, by companies vying for the contract. There is also a large volume of E-mail (in box 004) relating to high performance and parallel computers, covering the years 1990-1993.

Date(s)	/Box (file) No.
1992-1993	/003 (09)-(11)
1990-1993	/004 (05)-(06)

**University of Toronto Archives and
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Calvin C. Gotlieb Personal Papers

B2002-0003

Prepared: Marnee Gamble
December 2002

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BIOGRAPHICAL NOTE

Calvin C. (Kelly) Gotlieb, born on March 27, 1921, has been called the "Father of Computing" in Canada. For over half a century, he has made significant contributions in numerous areas of computer science, has promoted the exchange of ideas among computer professionals through his influential work in national and international associations, and has taught and mentored several generations of computer scientists. At the University of Toronto, he spearheaded key technological advances - from the first purchase of an electronic computer in 1952 to the acquisition of the Cray X-MP supercomputer in 1984. He has been relentless in promoting the use of computers in a wide range of research fields including the social sciences and humanities and was one of the first computer professionals to recognize and to study the social impact of computers on society.

Below is a copy of his biography that appears on the Department of Computer Science web site. It highlights his most significant contributions and achievements.

Calvin C. (Kelly) Gotlieb has been called the "Father of Computing" in Canada. He received his MA in 1944 and his Ph.D. in 1947 from the University of Toronto. In 1948, he was part of the first team in Canada assembled to design and construct digital computers and to provide computing services. In that year, he co-founded the original Computation Centre at the University of Toronto. He established the first university credit course on computing in Canada in 1950, and offered the first Canadian graduate courses in computing in 1951. In 1964, he founded the first graduate department of Computer Science in Canada, at the University of Toronto.

Professor Gotlieb has over a hundred publications in many areas of Computer Science and Information Processing, and has co-authored four books: "High Speed Data Processing", "Social Issues in Computing", "Data Types and Structures", and "The Economics of Computers".

Professor Gotlieb has dedicated much of his professional work to the promotion of information science and technology and the advancement of national and international cooperation in this field. He has been a consultant to the United Nations on Computer Technology and Development, and to the Privacy and Computers Task Force of the Canadian Federal Department of Communications and Justice. He was a founding member of the Canadian Information Processing Society in 1958, and served as Canada's representative at the founding meeting of the International Federation of Information Processing Societies in 1959, and from 1960-1966. He is a former Editor-in-Chief of the Journal of the Association of Computing Machinery, and a member of the Editorial Advisory Board of Encyclopaedia Britannica and of the Annals of the History of Computing.

Gotlieb, Calvin C.

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Professor Gotlieb is a Fellow of the Royal Society of Canada, the British Computer Society and the Association for Computing Machinery. He received honorary D.Math and D.Eng degrees from the University of Waterloo and the Technical University of Nova Scotia respectively. In 1994, he was awarded the Isaac L. Auerbach Medal by the International Federation of Information Processing Societies, and in 1996 the Order of Canada award. He is currently Professor Emeritus in Computer Science and in the Faculty of Information Studies at the University of Toronto.

Prof. Gotlieb lives in Toronto with his wife Phyllis Gotlieb. He still teaches Computers and Society in the Department of Computer Science and is active as the Chair of the Awards Committee of ACM. At its annual conference in May 2002 in Toronto, the ACM awarded Gotlieb the President's Award for Special Services.

SCOPE AND CONTENT

1942-2001 4.68 m multi-media

Records in this accession document various aspects of Prof. Gotlieb's career as a leading computer scientist. Most notably early correspondence, association files, publication files and research files document not only Gotlieb's early work and contributions but shed light on the early development of computer technology in Canada, the emergence of computer scientists as a profession and their subject expertise as a discipline of academic study. Researchers wishing to study these early developments will find these records a rich source.

Several series in this accession document Gotlieb's work in professional associations and these include Series IV Professional Associations and Series V Conference, Talks and Seminars as well as Series II Correspondence. These records would be useful to anyone researching these associations as well as the relationships among professional computer scientists.

This accession also contains records relating to Gotlieb's wider social advocacy. For example, Series 9 has records relating to Science for Peace and several Jewish groups. Certain talks and events documented in Series V also give evidence to his active participation in advocacy groups and often, as is the case for many academics, the lines between his role as a scientist is intertwined with his role as a responsible citizen. Thus, researchers will note many of his talks deal with ethics, social responsibility, and consequences of technology.

This accession is only one of three held by the University Archives and therefore has large gaps in documentation. For most records relating to the early Computation Centre, acquisitions of computer hardware for the University of Toronto, and Gotlieb's overall role in University administration researchers will need to consult B1988-0069. Teaching files in this newest accession document mainly courses in the 1970s and 1980s while the same series of records in B1988-0069 document the early courses developed and taught by Gotlieb. While this accession gives good documentation on Gotlieb's role in the Association for Computing Machinery (ACM), much of his international work in organizations such as International Federation of Information Processing Societies (IFIP) and UNESCO is

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documented in B1988-0069. For records specifically on his involvement in the McLuhan Program in Culture and Technology and with the Ontario Centre for Large Scale Computing, researchers need to consult accession B1994-0022.

Finally, this accession has several photographs of early computer installations at the University depicting technology that was unique to the world at that time. Included are images of the experimental computer UTEC that was being developed by Gotlieb, Dr. Josef Kates and Dr. Harvey Gellman in the late 1940s, as well as the FERUT (Ferranti Electronic computer) - the first electronic computer to be purchased anywhere. This was in 1952.

Access: Restricted. Records in Series 3 relating to the Task Force on Academic Computing and New Media are closed until 2020. For access to these records, consult University Archivist. All other records are open.

Related Accession: B1988-0069
B1994-0022

Series Description

Series 1

Personal

1967 - 2000 0.13 m textual ; sound recording

Records in this series are diverse in nature and include everything from curriculum vitae, newspapers clippings, correspondence, awards, transcripts of interviews, memorabilia and biographical write-ups. All contain some biographical information about Prof. Gotlieb that outline his achievements, activities, honours and interests. Included in this series is an interview on CBC Radio, "Morningside" with Peter Gzowski in Sept 1994 (See /001S).

See Box /001

Series 2

Correspondence

1947 – 1998 0.91 m. textual

This series contains a mix of personal and professional correspondence, both incoming and outgoing spanning five decades. The early correspondence (1947-1968) richly documents Gotlieb's early role in the development of computer science at the University of Toronto, first within the Department of Physics and later the Computation Centre and its successor bodies the Institute of Computer Science and the Department of Computer Science. There are two files marked "historical" that contain correspondence that Gotlieb selected as significant to the history of computing. Most of these early files are marked "personal" but are really professional in nature. This "personal" correspondence mainly deals with appointments, recommendations, advice, visits, lectures and thanks from a wide range of colleagues and former students.

Later correspondence (ca. 1968-1995) was arranged more or less by either activity or organization. Therefore, general correspondence files relating to Gotlieb's publishing activities, conferences, trips and lectures are grouped together and are followed by files containing correspondence with other universities: Canadian, US and international. These document the breadth of Gotlieb's contacts and relationships with colleagues all over the world. Files marked University of Toronto document Gotlieb's activities on campus with respect to some committees, special lectures, planning roles, cross appointments etc.. but only in a very cursory way. There are also a series of files relating to government bodies that mainly document his advisory roles. Finally, there is one box of printed e-mail that can cover any of the above mentioned categories and more. They date from June 1989 to June 1993 and are arranged chronologically.

Series Description

Series 2 (cont'd) Correspondence

Also included in this series are three files of Letters of Recommendation, dating from 1983-2001. Some of this correspondence relates to the Student Files found in Series X. Gotlieb was often asked for recommendations for former students long after they graduated.

Box /002	Early Correspondence (1947-1968)
	Later Correspondence (1968-1995)
/003	Later Correspondence (1968-1995)
/004	E-mail files (1989-1993)
/005	Letters of Recommendation (1983-2001)

Series 3 University of Toronto Committees and Projects

1956, 1981-2000 0.33 m textual

This series documents Gotlieb's role in several University of Toronto committees and initiatives, mainly relating to computers and their increasing use in the teaching and research functions of the University. Except for two small files dealing with the FERUT project in the 1960s, the committees documented here date from about the early 1980s to 2001. This was a time that saw exponential growth in the use and access to computers, first with the proliferation of personal computers and later with the development of the Internet. Included are files on the Toronto Waterloo Cooperative on Information Technology 1981-1985, the Working Group for a Canadian Electronic Text Network 1988, and the Identity Technology Working Group (Smart Card Review Committee). There are extensive printed e-mail files containing reports, discussions and correspondence for the Information Highway Working Group. This latter group was loosely related to the University since more than half its members were Faculty. It played a consultative role to the federal government on the development of the Internet.

Also included in this series are records relating to the Task Force on Academic Computing and New Media. It includes correspondence, e-mail, reports, surveys and notes from meetings. This Task Force was the successor of the Task force that set up the Information Commons. It was mandated to focus on "exploiting the academic computing and new media to enhance teaching and research, to enhance the communication among members of the University, and to connect effectively with a wider, external academic computer"¹

Access: Records relating to the Task Force on Academic Computing and New Media are closed until 2020.

Box /006 for files on the Task Force on Academic Computing and New Media
Box /007 for all other files.

¹ Report of the Task Force on Academic Computing and New Media, Working Draft 5, Feb. 14 2000 p. 3.

Series Description

Series 4 Professional Associations and Committees

1949 – 2000 0.94 m. textual ; graphic

This series contains correspondence, reports, memos, notes, minutes of meetings relating to Gotlieb's participation in several professional associations and committees external to the University of Toronto. Of some interest for researchers of early computing are the printed proceedings of the Computation Seminar in 1949 and the Scientific Computation Forum in 1950 hosted by IBM. A group photograph taken at the first meeting is part of this series and has been filed at /001P(30). Other early records document the 1968 Congress of the International Federation of Information Processing in Edinburgh that Gotlieb helped organize. A 2001 history of IFIP is also included in this series, a chapter of which deals specifically with Gotlieb's contribution to the international body. There is also documentation relating to the American Federation of Information Processing Societies, Computer History Project. Gotlieb was interviewed for this project and the 1971 transcript describes early computing at the University of Toronto from 1949 to 1961.

The greatest extent of records in this series documents Gotlieb's active participation in the Association of Computing Machines – more commonly known as ACM. Included is some early correspondence (1960-1965) as well as correspondence while Editor-in-Chief of two publications Communications and The Journal of ACM. There are three boxes of files documenting his influential position as Chair of the ACM Awards Committee, a position he held from 1988-1993 and from 1998 to the present.

Files are arranged alphabetically by association except for ACM files. These are arranged together at the end of the series.

Boxes /008-/013 and Appendix 1 for file listing.

Series 5 Conferences, Talks and Seminars

1955-2001 0.4m textual

This series includes files relating to participation at conferences, seminars and special lectures. The files most often contain a copy of the paper or talk given at the event as well as related correspondence, information about the event such as conference programs, meeting outlines and notes. Some of these papers were subsequently published, usually in the journal for the sponsoring organization. Other records relating to the publishing of papers can be found in Series 6. Researchers should note that many of these papers relate to how computers have affected society and are therefore a rich resource for studying the larger social impact of computers. Arrangement is chronological.

Boxes /014 - /015 and Appendix 2 for file list.

Series Description

Series 6

Publishing

1942-2001 0.2 m textual

This series documents only a small percentage of the large body of Gotlieb's published works in the form of refereed articles, contributions to books and books. Correspondence, often with the publishing house, reviews and contracts can be found for four of his books: Data Types and Structures, High Speed Data Processing, Social Issues in Computing, The Economics of Computers. The files do not contain the working manuscript or typescript. Files relating to articles do contain a working copy of the article, and may also contain related correspondence and reviews.

Files relating to books have been placed at the beginning of the series, followed by the articles chronologically.

Box /016

Series 7

Editing

1970-2000 0.2 m textual

This series documents Gotlieb's activities on editorial advisory boards, as a referee, consultant and/or editor. It includes documentation on several publications, including the Annals of the History of Computing, the Journal of Computing and Society, Utilitas Mathematicas as well as several encyclopedias. There is also one general file relating to a variety of editorial projects. Not included in this series, are the papers related to his role in editing the publications of ACM. These records can be found in Series IV.

The files may contain correspondence, referee reports, submissions of papers, biographies of contributors, minutes and meeting agenda. Arrangement is alphabetically by the name of the publication.

Box /017

Series Description

Series 8

Research

1960-1993 0.2 m multimedia

This series documents Gotlieb's early research, mainly in the use of computers to develop timetables. Gotlieb's interest in this area of computer application evolved from a very practical need to revamp the Arts and Science Timetable in early 1960s, a task he was assigned as a young professor. Through the 1960s, he gave many papers on the subject and his expertise was recognized internationally. However, overtime, his interests led elsewhere and his time table research was passed on to another generation of computer scientists. He is recognized internationally for laying the groundwork in this area of computer applications. There are eight files on this research containing correspondence, reports, notes and related papers.

There is also one file relating to early research on computers and music. This master's thesis research by student Jim Gabura had as its goal to successfully develop software that could recognize music by specific composers. The file contains original research, papers, correspondence, research reports and other related material. There is also the original cassette of taped music used in the research titled as "Appendix 6 -- Recordings" (For access see /002S). This research was being done in the early 1960s.

In the early 1980s, Gotlieb participated in the Bell Canada VISTA project, a videotex system that allowed users to access computer stored information on a modified television screen. This was more or less an early attempt at a communication system like the Internet. Included is correspondence, the original agreement, notes and publications documenting the experiment. There are also slides showing what the screens of information looked like. (For access see /001P(38)-(39).

There is one other graduate project documented in this series. This is the research by student Darrell Parsons (Ph.D. 1990) looking into the use of computers as it relates to productivity in banking. This thesis research was eventually published in the Journal of Productivity Analysis as "Productivity and Computers in Canadian Banking", by Darrell Parsons, Calvin C. Gotlieb and Michael Denny, 1993. A copy of the paper, along with correspondence, research outlines and proposals can be found in the last file of this series.

Box /018

Series Description

Series 9 Teaching

1972-1994 0.2 m textual

This series is made up of course binders containing course outlines, reading lists, lectures, assignments and term tests for several of Gotlieb's most popular courses including the Economics of Computers and Computers and Society. There are records that document courses taught both in the Department of Computer Science and the Faculty of Library Science.

Box /019

Series 10 Students Files

1968-1996 0.2 m textual

Records in this series document Gotlieb's role as a teacher and especially as an academic advisor to graduate students. Files contain not only correspondence but also reports on theses and oral exams, research proposals, publication agreements, reviews of papers etc... The on-going correspondence between student and professor, even after graduation is evidence that Gotlieb acted as mentor to a new generation of computer scientists. Files are arranged alphabetically by student's surname.

Box /020

Series 11 Advocacy and Community Service

1974-1999 0.36 textual

This series documents Gotlieb's participation in associations outside the academic sphere mainly relating to human rights and peace. Newsletters, correspondence, memos and reports document his involvement in the Committee of Concerned Scientists 1974-1987 and the Council of the Canadian Committee of Scientists and Scholars 1974-1987. There is also one file documenting advocacy for the release of Soviet scientist and human rights activist Anatoly Shcharansky, 1977-1980. Also included in this series are records relating to his work within the Canadian Jewish community. Included are files on Canada-Israel Chamber of Commerce, the Canadian Jewish Congress, the Global Jewish Database and Canadian Friends of the Hebrew University.

Series Description

Series 11 (cont'd)

Advocacy and Community Service

Finally, there is one box documenting his membership and activities in Science for Peace. Included are general records such as minutes of board meetings, newsletters, reports and correspondence mainly of the Toronto Group, 1992-1999. Most files relate to his position as chair of the Ethics Committee. The work of this committee resulted in the publication of two papers "The Toronto Resolution" and "Do Scientific and Scholarly Codes of Ethics Take Social Issues into Account?" both published in Accountability in Research.

Box /022, for Science of Peace records

Box /021(01)-(08), for all other files

Series 12

Consulting

1968-1990

0.04

This series includes only sparse records of Gotlieb's private consulting activities, at times under the company name C.C. Gotlieb Consulting. One file relates to his consultancy work with the Center for Society, Technology and Values at the University of Waterloo.

Most of the records relating to his consultancy work are still held by Prof. Gotlieb.

Box /021, file (09)-(12)

Series 13

Photographs

1943-1987

0.65 m

graphic

Photographs document various computers operating in the University of Toronto Computation Centre from 1948 to the 1970s. Includes photos of the UTEC being developed in the late 1940s, the FERUT, the first electronic computer purchased in the world in 1952, the IBM 650 acquired in 1958 and the IBM 7090 acquired in 1962. Many of these photographs contain images of staff of Computation Centre including Joseph Kates, Beatrice (Trixie) Worsley, Don Meisner, H. Stein, and W.H.Watson. There is one formal portrait of the Computation Centre staff taken in May 1959.

There are also portraits of Professor Gotlieb over a 40 year period as well as photos of conferences he attended.

Box /001P and one oversize item /002P

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Appendix 1 : File List Series 4

/008(01)	AFIPS – Historical Project , Oral History	1971-1972
(02)	British Computer Society, Fellows	1996-1997
(03)	Canadian Information Processing Society	1988-1990
(04)	Canadian Information Processing Society – Obituary on Trixie Worsley	1972
(05)	Information Technology Association of Canada – Excellence Fund	1988-1992
(06)	IBM – Proceedings, Computation Seminar	1949
(07)	IBM – Proceedings, Scientific Computation Forum	1948
/009(01)	IFIP Congress	1967-1968
(02)	IFIP Working Group on Social Issues “Computers and Work”	1991-2001
(03)	IFIP History 2001	2001
(04)	National Research Council, Associate Committee on Artificial Intelligence	1988-1989
(05)	Royal Society of Canada – Nominations Committee	1970-1996
(06)	Royal Society of Canada – Nominations	1992-1994
(07)	Royal Society of Canada – Nominations	1997
(08)	Royal Society of Canada – Public Awareness	1995
(09)	Royal Society of Canada – General	1968-1989
/010(01)	ACM – Editorial Board, early correspondence	1958-1962
(02)	ACM – early correspondence	1960-1965
(03)	ACM – Editor-in-Chief of <u>Communications</u>	1962-1964
(04)	ACM – Editor-in-Chief of <u>Communications</u>	1962-1965
(05)	ACM – Editor-in-Chief of <u>Communications</u>	1962-1965
(06)	ACM – Editor-in-Chief of <u>Communications</u>	1965
(07)	ACM – Editor-in-Chief of the <u>Journal of ACM</u>	1966-1968
(08)	ACM – Editor-in-Chief of the <u>Journal of ACM</u>	1966-1969
(09)	ACM – External Activity Board	1990
(10)	ACM – Endorsement of Fellows by Gotlieb	1994
(11)	ACM - Support of Frances Allen for the Founders Medal from the National Academy of Engineering	1998-1999
/011(01)	ACM Awards Cmt. – Award programmes	1992-2000
(02)	ACM Awards Cmt. – appointment to chair	1989
(03)	ACM Awards Cmt. – procedures	1989
(04)	ACM Awards Cmt. – general correspondence, memos	1987-1994
(05)	ACM Awards Cmt. – general e-mail	1989-1994
(06)	ACM Awards Cmt. – conferences	1989-1992
(07)	ACM Awards Cmt. – annual meetings	1991-1994
(08)	ACM Awards Cmt. – new awards	1989-1992
(09)	ACM Awards Cmt. – International Science and Engineering Fair	1990-1993
(10)	ACM Awards Cmt. – National Medal of Technology and other awards	1988-2000
(11)	ACM Awards Cmt. – Allen Newell Award Cmt.	1992-1994
(12)	ACM Awards Cmt. – Distinguished Service Award	1989-1994
(13)	ACM Awards Cmt. – Distinguished Services Award	1989-1993

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Appendix 1 : File List Series 4

/012(01)	ACM Awards Cmt. – Distinguished Members and Fellows Cmt.	1993-1994
(02)	ACM Awards Cmt. – Background on Nominees, Fellows Cmt.	1995-1996
(03)	ACM Awards Cmt. – Doctoral Dissertation Award Cmt.	1989
(04)	ACM Awards Cmt. – Doctoral Dissertation Award Cmt.	1989
(05)	ACM Awards Cmt. – Doctoral Dissertation Award Cmt.	1990-1994
(06)	ACM Awards Cmt. – Eckert / Mauchly Cmt.	1988-1994
(07)	ACM Awards Cmt. – Endowment Fund	1987-1989
(08)	ACM Awards Cmt. – Ethical Award	1991-1994
(09)	ACM Awards Cmt. – Grace Murray Hooper Award	1988-1992
(10)	ACM Awards Cmt. – Karl V. Karlstrom Outstanding Educator Award	1989-1993
(11)	ACM Awards Cmt. – Karl V. Karlstrom Outstanding Educator Award	1989
(12)	ACM Awards Cmt. – Outstanding Contribution	1989-1993
(13)	ACM Awards Cmt. – Software Award	1988-1992
/013(01)	ACM Awards Cmt. – Turing Award – Chair	1996-1987
(02)	ACM Awards Cmt. – Turing Award – Chair	1987-1988
(03)	ACM Awards Cmt. – Turing Award – Chair	1987-1988
(04)	ACM Awards Cmt. – Turing Award	1991-1994

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Appendix 2 : File List Series 5

/014(01)	“Power Tools for the Humanities” for colloquium Computers in the Humanities	Ca. 1955
(02)	“The Idiosyncrasies of Computers” given at the 3T0 Dinner	April 15 1968
(03)	“The Computer Controversy”	197-
(04)	“Computing in Canada”, CIPS Conference	1973
(05)-(06)	“ History of Computing at University of Toronto ” Transcript of Gotlieb’s talk at the International Research Conference on the History of Computing, Los Alamos	June 9 1973
(07)	Talks re. Science and Social Responsibility	1977
(08)	Ethics Workshop, Stanford Research Institute	1977
(09)	Talk upon receiving Alumni Award	198-
(10)	"Computers in Developing Nations", IFIP Conference	1980
(11)	"Computers - A Gift of Fire" IFIP congress '80	1980
(12)	Conference on the Social Consequences of the New Technology - Couchiching Conference on Public Affairs	1983
(13)	Canadian Information Processing Society - Historical Review	Nov. 1993
(14)	Symposium on Computers and Society, Ryerson University	Jan. 30 1984
(15)	"Ferut - The First Operational Electronic Computer in Canada" presented at CIPS Conference	May 9-11 1984
(16)	Emerging Technologies Seminar, Royal Commission on the Economic Union and Development Prospects	Aug. 19-21 1984
(17)	"The Theatre of Work: Technological Influences", Technology, Innovation and Social Change Conference	Oct. 26-27 1984
(18)	"Order-Preserving Key Transformations", School of Computer Science	April 3 1986
(19)	"Management Options", CIPS Conference	Nov. 20 1986
(20)	Conference - "Professionals and Social Responsibility: Conflict or Congruence"	1987
(21)	"Artificial Intelligence - The Social Impact", Suncor Youth Symposium	1987
(22)	"Information Age Socio-Economic Impacts", talk given at the Northern Telecom National Institute	Aug. 23-28 1987
(23)	Lecture during Chines Visit	1987
(24)	Visit and talks given in China	1987-1988
(25)	"Educating Tomorrow's Professionals" talk given at a conference for the Centre for Society, Technology and Values	1988
/015 (01)	Conference - "Professionals and Social Responsibility: Conflict or Congruence"	1988
(02)	Talk at Convocation, “ Distributed Learning”	1988
(03)	Talk at University of Waterloo, “Do we have real choices in Adopting Computers?”	1988
(04)	Symposium on Myths we Live By, University College	1988
(05)	The Toronto Experience Conference, “Global Trends in	1988

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Appendix 2 : File List Series 5

	Computing as Seen from a Local Frame of Reference”	
(06)	The Dynamic Text – Conference at University of Toronto	1989
(07)	Faculty of Library and Information Science, 60 th Anniversary Symposium – “The Economics of Information”	1989
(08)	Symposium – Supercomputing in the 1990s – “Some aspects of Supercomputer Supply and Demand”	1989
(09)	IFIP Informatics Curricula, “Fashions and Fundamentals in Computer Science Education”	1990
(10)	IFIP Workshop – “Fashions and Fundamentals in Computer Science Education”	1990
(11)	Informatica Rio de Janeiro	1992
(12)	Conference – New Technology Surveillance and Social Control, Queen’s University “Privacy : A Concept Whose Time	1993
(13)	Colloquium - Dept. of Computer Science, "Privacy and Computers, Rethinking the Relations"	1993
(14)	Lecture - Computers in the Workplace	1993
(15)	Talk - "The Information Super Highway" Willowdale United Church	1994
(16)	Solandt Symposium - Queen's University "Early Canadian Developments in Computers and Electronics"	1994
(17)	2nd International Conference on Cooperative Information Systems "The Big Rock Candy Database	1994
(18)	Supercomputing Symposium '94 "Acquiring and Running a Kendall Square Research KSRI"	1994
(19)	Symposium - Royal Society of Canada "Communicating with and through computers"	1994
(20)	Computing Insights - Dept. of Computer Science "Computer Problems you can't program"	1995
(21)	MISA '95 Conference "Information Technology - Then, Now, Tomorrow"	1995
(22)	Educational Computing Organization of Ontario "Crossroads on the Information Superhighway"	1995
(23)	Symposium - NSERC / Bell Industrial Research Chair, "Content vs Carrier in Computer Networks"	1995
(24)	Later Life Learning - Innis College, "Crossroads on the Information Highway"	1995
(25)	Conference - The Internet : Beyond the Year 2000	1996
(26)	Debate - Should the Internet be Regulated McMaster University	1996
(27)	Evolution of World Order Conference - Ryerson University, "Digital Divide or Universal Access to Information Technology"	1999
(28)	Talk - "Origin and Early Development of Computing at University of Toronto"	2000
(29)	Talk - Fetshthrift for Borodin "The New Real Estate"	2001
(30)	Cancelled Lectures	1988-1991