

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



**Fraser Family Fonds**

B1995-0044

B1997-0027

Harold Averil, June 1996  
Updated Louise Curtis, July 2022

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## Scope and content

1858-1992

9.0 m of textual and graphic records (58 boxes)

Records of the Fraser family, principally William Henry Fraser, Professor of Italian and Spanish, and his wife, Helene and two of their children, Donald Thomas and Frieda Helen, both professors in the School of Hygiene. Fonds also contains the records of Frieda Fraser's lifetime companion, Edith (Bud) Bickerton Williams, a veterinarian, including extensive correspondence between Frieda and Bud that documents their personal lives as a same-sex couple, as well as their professional lives as women in medicine in the early 20<sup>th</sup> century. The correspondence has been noted for its significance both in terms of both Canadian lesbian history and the history of medicine.<sup>1</sup> Also included are course and laboratory notes, lecture notes, research files and notebooks, addresses, drafts of articles, prize books, photographs and slides, sketches and watercolours, the Zahn Family Chronicle and other family history items.

**Arrangement:** Records in accession B1995-0044 have been arranged into series within the sous-fonds for each family member. Records in accession B1997-0027 have not yet been arranged or described.

**Access:** Open

### Related material:

- [William Henry Fraser fonds](#)
- [Ricardo da Silveira Lobo Sternberg fonds](#)

### Related units of description:

- [The Archives](#)

**Finding aid revisions:** Edits made to improve language, discoverability and contemporary significance of the relationship between Frieda Fraser and Bud Williams, July 2022.

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<sup>1</sup> Perdue, Katherine, "Passion and Profession, Doctors in Skirts: The Letters of Doctors Frieda Fraser and Edith Bickerton Williams," *Canadian Bulletin of Medical History* 2005 22:2, 271-280, <https://doi.org/10.3138/cbmh.22.2.271>

## **Biographical note**

### **William Henry Fraser**

William Henry Fraser was born in Bond Head, Ontario, in 1853 and received his BA from the University of Toronto in 1880. Following several years on the staff at Upper Canada College, he was appointed lecturer in Italian and Spanish at the University of Toronto in 1887. In 1892, he was appointed Associate Professor, in 1901, Professor. He died in York Mills on 28 December, 1916.

Professor Fraser was a prolific writer of textbooks, alone and in conjunction with John Squair (French) and William Henry Van der Smissen (German). They were used in schools in Ontario for more than two generations. A list of the titles is appended (see Appendix C).

In 1883, he married Helene Zahn. They had two sons, William K. and Donald, and one daughter, Frieda Helen. Helen survived him for almost twenty years, dying suddenly on the New York to Toronto train in 1933.

### **Donald Thomas Fraser**

Donald Thomas Fraser was born 27 September, 1888 and graduated from the University of Toronto with a BA (1912) and an MB (1915). Following active service in World War I, he joined the University's Antitoxin Laboratory (later the Connaught Laboratories), where he was eventually appointed Assistant Director. In 1920 he was appointed to the staff of the Department of Hygiene and Preventive Medicine in the Faculty of Medicine and helped develop the School of Hygiene. In 1932, he became a full professor and de facto head of the Department, succeeding Dr. Fitzgerald in 1940.

A bacteriologist, he was "an enthusiastic proponent of the use of vaccines and antitoxins." In the early 1920s, he "assisted in the research to improve the production of insulin", "was a member of the team that perfected diphtheria toxoid," and was also keenly interested in tetanus, scarlet fever, and whooping cough. Dr. Fraser introduced the science of microbiology into the curriculum and was a widely respected teacher, fluent in French and German. He died in 1954.

There is no separate sous-fonds for Donald Fraser, however records created by Donald in his capacity as a researcher can be found in the Frieda Helen Fraser sous-fonds.

## **Frieda Helen Fraser**

Frieda Helen Fraser was born in Toronto on 30 August, 1899. She was educated at home, 67 Madison Avenue, until the age of fifteen and then spent three years at Havergal College. She entered University College in the fall of 1917, receiving her BA in 1922, having specialized in physics and biology. She went on to medical school, receiving her MB three years later. In the summer of 1925, she moved to New York where she took her internship at the New York Infirmary for Women and Children. She then moved to Philadelphia to complete her post-doctoral training in chest diseases under Dr. Muriel McPhedran at the Henry Phipps Institute, University of Pennsylvania.

Frieda returned to Toronto in 1928 to accept the positions of research associate in the Connaught Laboratories and demonstrator in the Department of Hygiene and Preventive Medicine in the School of Hygiene. Her slow rise through the ranks was typical for a woman of her time, though she advanced further than most. In 1929, her appointment as a demonstrator in hygiene was made part-time while she concentrated more on her research at the Connaught. In 1933, she was promoted to lecturer (part-time) in the Department of Hygiene and Preventive Medicine and full-time the following year. In 1936, she became an assistant professor and an associate professorship followed after the outbreak of the Second World War. Her appointment as a full professor came in 1949 and in 1955, she was appointed Professor of Microbiology. Dr. Fraser retired in 1965.

Trained as a bacteriologist, she worked closely with her brother Donald for much of her career. After his death in 1954, she was involved in a special research project to develop an antigen for tuberculosis. She taught preventive medicine in the Bachelor of Science and Bachelor of Science in Nursing programmes for more than thirty years.

Dr. Fraser was an amateur artist who included drawings and sketches in her correspondence, research notes, and on stray pieces of paper. Her dedication to gardening is also evidenced through the records. She shared the linguistic skills of her family, being fluent in German and French. In the late 1930s Frieda moved in with her lifelong partner Edith Williams ("Bud"). The house they shared, on the Niagara escarpment near Burlington, had been purchased by Frieda's mother some years earlier and was inherited by Frieda after the death of her grandmother. Frieda died in a nursing home in Burlington, Ontario on 29 July, 1994, shortly after she was forced to leave her beloved home.

## **Edith Bickerton ("Bud") Williams**

Edith Bickerton Williams, known to all as "Bud", was born in Toronto on 24 June, 1899. She was educated for ten years at "Glen Mawr", a private school for girls run by a Miss Veal. She entered University College as an Arts student in the fall of 1916, but did not find the program much to her liking and failed second year. In approximately 1925, she went to Britain to work in a bank. Her mother tried to persuade her to stay, but she returned to Canada in 1927. At some point in the 1920s, Williams was diagnosed with a mild case of tuberculosis. Subsequently, she raised poultry in Aurora for ten years before deciding to attend the Ontario Veterinary College in Guelph. Williams graduated in 1941, the second woman in Ontario to do so, and then set up her own practice in Toronto (675 St. Clair Avenue West).

In the late 1930s, Bud moved in with her lifelong partner Frieda Fraser. The house they shared, on the Niagara escarpment near Burlington, had been purchased by Frieda's mother some years earlier and inherited by Frieda after the death of her grandmother. At the end of December, 1976, Bud suffered a severe stroke and made only a partial recovery, never leaving hospital for long. She died in 1979.

### **Accession B1995-0044 - Fraser Family 1995 accession**

1862-1992

8.16 m of textual and graphic records (52 boxes)

3 oversized items

Records of the Fraser family, principally William Henry Fraser, Professor of Italian and Spanish, and his wife, Helene and two of their children, Donald Thomas and Frieda Helen, both professors in the School of Hygiene. Fonds also contains the records of Frieda Fraser's lifetime companion, Edith (Bud) Bickerton Williams, a veterinarian, including extensive correspondence between Frieda and Bud that documents their personal lives as a same-sex couple, as well as their professional lives as women in medicine in the early 20<sup>th</sup> century. The correspondence has been noted for its significance both in terms of both Canadian lesbian history and the history of medicine.<sup>2</sup> Also included are course and laboratory notes, lecture notes, research files

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<sup>2</sup> Perdue, Katherine, "Passion and Profession, Doctors in Skirts: The Letters of Doctors Frieda Fraser and Edith Bickerton Williams," *Canadian Bulletin of Medical History* 2005 22:2, 271-280, <https://doi.org/10.3138/cbmh.22.2.271>

and notebooks (including work done during World War II), addresses, drafts of articles, prize books, photographs and slides, sketches and watercolours.

Boxes:

B1995-0044/001-/037

B1995-0044/001P-/015P (photographs)

B1995-0044/009(08) (oversize)

B1995-0044/020(10) (oversize)

B1995-0044/P (oversize)

### **Sous-fonds 1: William Henry Fraser sous-fonds**

1867-1931

1.29 m of textual and graphic records (9 boxes)

This sous-fonds documents the career of William Henry Fraser as professor of Italian and Spanish at the University of Toronto and as a writer of high-school textbooks. It also includes correspondence received by his wife, Helene Zahn.

Access: Open

Boxes: B1995-0044/001-/008, B1995-0044/001P

### **Series 1: Memorabilia**

1867-1912

0.34 m of textual records

This series of memorabilia includes programmes for reunions of University College clubs (1890, 1900), programmes of the University College Modern Language Club (1892-1905, 1907-1909) and of Victoria Modern Language Club (1904-1905), undated sheet music, and a scrapbook of press clippings on political and other topics from the Toronto Globe, Saturday Night, World Wide, and The Times (1911-1912).

Included are W. H. Fraser's prize books, received while a fourth year Honours student in modern languages in University College in 1880. Six of these are signed, and the seventh is unsigned. For a listing of these volumes, see Appendix A.

The books have been removed to the Reading Room.

Access: Open

Boxes: B1995-0044/001(01)-(04)



## **Series 2: Correspondence**

1885-1931

0.09 m of textual records

There are two lots of correspondence in this series. The first consists of correspondence to and by William H. Fraser. There is a little from before his appointment as lecturer in 1887, mostly letters to the editor on university topics. The bulk, however, consists of correspondence with various publishers of his volumes of French and German grammar.

The second lot is correspondence received by Helene Fraser from friends and relatives, including her husband and her sister-in-law, Margaret (Emma) Fraser, who regaled her with stories about the Modern Languages Association. Perhaps the most revealing letter is one dated 23 April, 1927 from Helene's old friend, Antionette (Nettie) Bryant, advising her at length on how to handle the relationship between Frieda and Bud.

For a file listing see Appendix B.

Access: Open

Boxes: B1995-0044/001(05)-(17)

## **Series 3: Lecture notes**

1892-1914

0.26 m of textual records

This series begins with a register of students in Italian, Spanish, and Phonetics for 1914-1915 for all four years in the pass and honours courses.

Professor W. H. Fraser's lectures in Italian and Spanish cover a substantial portion of the period (1887-1916) that he held the position of lecturer and then professor at the University of Toronto. The lectures in Italian are for third and fourth year students. They begin in 1892 and, though some are undated, end around 1910. Once written, the lectures, or parts thereof, were delivered in subsequent years to students in the same year and, occasionally, other years as well. Accompanying the formal lecture notes are lessons, notebooks on morphology and phonology, miscellaneous exercises, and notes on humour.

The dated lectures in Spanish cover the period 1892-1911; some are undated and were written for third and fourth year students. Topics include the novel, history of the language, phonology, phonetics, prosody, and literature.

There is one file of lectures in French, for a third year course offered in 1893-1894.

Access: Open

Boxes: B1995-0044/002-/003

#### **Series 4: Addresses**

1894-1914

0.20 m of textual records

The addresses in this series are largely public talks, some of which were written on cards, that were delivered in conjunction with lantern slide shows that were highly popular at the turn of the century. The subjects are art, architecture, literature and history, the locales largely Italian, with a few nods to Spain. The single non-Romance address is on German proverbs. The talks on Michelangelo and Raphael were much in demand. They were delivered as part of the University's popular Saturday Lecture Series and, along with others, at numerous locales across southern Ontario. Student organizations, especially the Modern Languages Club, were also frequent venues.

There is also a selection of cards with press clippings of quotations, current events and amusing anecdotes that were collected for use, in part, in his university lectures and in public talks. Only a few of them are dated; those that range from 1905 to 1911. Most are written in English, but some are in Italian, Spanish, and French.

Arrangement: The lectures are arranged chronologically, within each box, dating from 1894 to 1914.

Access: Open

Boxes: B1995-0044/004(01)-(15), B1995-0044/005

#### **Series 5: Manuscripts and Publications**

1894-1916

0.69 m of textual records

W. H. Fraser's principal writing was of textbooks on French and German grammar, co-authored by John Squair and William Henry Van der Smissen. They were used for two generations in Ontario schools and had wide acceptance elsewhere. They went through many editions, being published in Canada by Copp Clark, in the United States by D. C. Heath of Boston, and in the United Kingdom by George Harrap in London. On his own, Fraser wrote, in 1887, *Un Philosophe sous les toits*, *Journal d'un Homme Hereux, par Emile Souvestre*, and, later, a slim volume of *Italian Exercises*. Associated with the last is a scrapbook, mounted pages cut from a French grammar text with annotations in Italian.

For a list of Professor Fraser's publications see Appendix C. The correspondence relating to their publication is in Series II of this sous-fonds, the file list for which is in Appendix B. A file list to this series may be found in Appendix D.

Arrangement: The arrangement is chronological.

Access: Open

Boxes: B1995-0044/004(15)-(16), B1995-0044/007(01), B1995-0044/006-/008

### **Series 6: Graphic material**

1890-[193-]

0.07 m of graphic records

This series consists of photoprints and photonegatives taken by or belonging to W. H. Fraser and his wife, Helene. Included are formal and casual family snapshots, photoprints and negatives of a trip to Europe in 1905, and several images taken during World War I.

Access: Open

Boxes: B1995-0044/001P

### **Sous-fonds 2: Frieda Helen Fraser sous-fonds**

1906-1992

6.5 m of textual and graphic records (40 boxes)

Access: Open

Boxes:

B1995-0044/009-/035

B1995-0044/002P

B1995-0044/003P-/014P  
B1995-0044/009(08) (oversize)  
B1995-0044/010(10), (17) (oversize)

### **Series 1: Personal and biographical**

1934-1983  
0.13 m of textual records

Series includes biographical information, will, address books, diaries, certificates, notebooks, and related material documenting the private activities of Frieda Fraser. The "five-year" diaries record a wide variety of her activities, the weather, bird sightings and gardening from about 1972 to 1983. The notebooks also document her passion for gardening (1941-1978) and a trip she took in 1956. There is a substantial file on her mother's estate (1937-1970).

Access: Open  
Boxes: B1995-0044/009, B1995-0044/009(08) (oversize)

### **Series 2: Correspondence**

1917-1988  
0.28 m of textual records and graphic records

This series consists of letters received by Frieda from Bud, and from her friends and family. Frieda and Bud were separated for long periods in the 1920s and the 1930s and did not live together until the end of the 1930s, following the death of Frieda's grandmother. The house they shared, on the Niagara escarpment near Burlington, had been purchased by Frieda's mother some years earlier. Built in 1834, it was situated on a large acreage with an orchard on the slope behind. When apart they wrote to each other frequently, often every day and sometimes more than once a day.

Some of the correspondence is undated, but only a few letters pre-date 1925 and these are from Frieda's college friends. Most of the letters were written by Bud to Frieda, between about 1925 and 1942. They cover all aspects of their lives, professional and personal, including relationships with their families and friends and how same-sex love was perceived.

For the period up to 1950, the remainder of the correspondence is from friends whom Frieda retained in adulthood, along with a few letters from and about members of her family, including relatives in Germany. There are fewer than a half-dozen letters for the period between 1950 and the mid-1960s.

Nearly all the later correspondence dates from 1976 to 1979, the very trying years during which Bud struggled with the effects of her stroke. Letters and cards poured in from concerned colleagues, friends, and relatives. Those addressed to Frieda and Bud jointly are filed in this series; those addressed to Bud alone are filed in Series 2 in Sous-fonds 3. Only a representative sampling of the cards has been retained.

For a file list of this series see Appendix E.

Arrangement: Photoprints have been removed from B1995-0044/010(19) and filed separately in B1995-0044/003P(01).

Access: Open

Boxes: B1995-0044/010-/011, B1995-0044/003P(01)

### **Series 3: Education**

1915-1924

0.14 m of textual records

This series begins with a single file of course notes taken by Frieda Fraser while a Form V student at Havergal College in 1915-1916. It is followed by others containing course and laboratory notes for the Physics and Biology section of the undergraduate honours Arts program at University College for second, third, and fourth year (1918-1921).

This is followed by a notebook for a biological project at St. Andrew's, New Brunswick, for the summer of 1921. It also contains a number of sketches that have no relationship to the course.

The series ends with some course and laboratory notes for the Bachelor of Medicine program at the University of Toronto.

Arrangement: The arrangement of the series is chronological

Access: Open

Boxes: B1995-0044/012

#### **Series 4: Administrative and professional records**

1944-1966

0.17 m of textual records

The first part of this series contains files documenting Frieda's employment at the University of Toronto and her administrative duties, especially in the School of Hygiene. Included are files on the Committee on Antigens (1944-1952); minutes of the councils of the Schools of Hygiene and Nursing (1956-1966); course outlines and curriculum revisions for the School of Hygiene, including annual refresher courses in the 1960s, and the Department of Preventive Medicine (1962-1966); and the Royal Commission on Health Services, for which the School of Hygiene prepared a brief in 1961.

The second part consists of files on professional activities. They document her work with the Canadian Joint Services Penicillin Committee (1944-1947) and the Canadian Association of Medical Bacteriologists (1958). There are also notes and scripts for the "Here's Your Health" and "Science a la Mode" programs on CBC radio in 1946.

Access: Open

Boxes: B1995-0044/013(01)-(18), B1995-0044/014(01)-(06)

#### **Series 5: Manuscripts, publications, and addresses**

1909-1964

0.02 m of textual records

Professor Fraser had eleven scientific papers published between 1928 and 1964, though she wrote many reports and some papers that were not published. This series contains offprints of all of her published papers and a draft of one. Also included in this series is a short story she wrote in 1909, at the age of 10; a typescript of her undated "Report of a case of pernicious anemia", and an address, "D.P.T. vaccines" that she delivered on 4 December, 1964.

Access: Open

Boxes: B1995-0044/014(07)-(11)

#### **Series 6: Lecture notes**

1928-1971

14

0.56 m of textual records

The School of Hygiene played a threefold role in the educational programme of the University by offering instruction in public health subjects to graduates, by providing courses for undergraduates, and by conducting research. For almost forty years Dr. Fraser taught preventive medicine courses for students in the senior course, the diploma in Public Health; in the B.Sc. program in the School of Nursing, and to medical students. In the mid-1950s the School of Hygiene began to move towards a complete programme of diploma courses to cover the needs of physicians and other professional workers in specialized fields. By 1958 these courses were in place and included bacteriology and hospital administration. These changes are reflected in her lectures for this period.

As Dr. Fraser discarded very little, this series provides an overview of the evolution of the courses she taught from 1928 to 1965, and comprehensively from the mid-1940s.

The first three boxes in this series contain the files on her lecture and laboratory courses for the Public Health Nursing students, and the fourth the Bachelor of Science in Nursing courses. Some of the files also contain notes for the B.Sc. and other programs, as Dr Fraser's lectures were related to specific topics such as streptococci and diphtheria. The courses evolved with new material being introduced over the years, and some topics were dropped and others added. There are also files on nurses' skin tests, on tuberculin tests, on a penicillin seminar offered in 1955, and a file on streptococci infections for the diploma in bacteriology course (1959-1965).

The earlier files are largely arranged according to the course outlines. From the late 1950s the lectures are divided into undergraduate and graduate courses and filed accordingly.

<b>Box number</b>	<b>Date range</b>
B1995-0044/015 (01) - (17)	1928-1965
B1995-0044/016 (01) - (22)	1930-1965
B1995-0044/017 (01) - (21)	1959-1971
B1995-0044/018 (01) - (15)	1954-1965

Access: Open

Boxes: B1995-0044/015-/018

### **Series 7: Research: general files**

1918-1965

1.19 m of textual and graphic records

Beginning in the mid-1920s and even after her retirement in 1965, Dr. Fraser carried on research at the University of Toronto. For the first twenty years, usually with her brother, Donald, her research concentrated on the development of scarlet fever and other antitoxins. This research formed part of ongoing studies of certain aspects of infection and immunity in pneumonia, diphtheria, and scarlet fever, often in conjunction with health departments across Canada. It also involved the testing of products and the monitoring of scarlet fever outbreaks.

As the Second World War began, she started investigating the incidence of agglutinative types of strains of haemolytic streptococcus in a small scarlet fever ward at the Riverdale Isolation Hospital. Through the use of exacting technical procedures, she was able to prove the transfer of agglutinative types from one patient to another in the same ward. She continued work in this field and, in 1941-1942, by examining cultures from 650 people, was able to identify the incidence of particular types of streptococci in various groups of persons. The techniques perfected proved of particular use in studying the outbreak of scarlet fever in Royal Canadian Air Force bases across southern Ontario between 1941 and 1944. In 1942-1943 she worked on the preparation of a combined antigen containing diphtheria toxoid, tetanus toxoid, and tannic acid precipitate of scarlet fever toxin.

During the war, her research also included the development of penicillin, especially in relation to the campaign to combat venereal disease. From January, 1944, in co-operation with the penicillin committee of the armed forces, she conducted a bacteriological investigation of clinical material from patients treated with penicillin. At the same time she was actively engaged in the investigation of two antibiotics, streptothricin and streptomycin.

After the War Dr. Fraser continued her laboratory and clinical studies in antibiotics. One aspect of her research, between 1946 and 1948, was to test the effectiveness of penicillin in oil and wax in the treatment of gonorrhoea. In 1947, as a member of a team including researchers from the Department of Botany, she spent much of her available time testing a group of new strain of micro-organisms for their activity against selected cultures. A number of new preparations of penicillin designed to prolong its action were also tested on laboratory animals and then on humans, this project extending into 1949. Further refinements in the testing of the effectiveness of penicillin were continued the next year.



In 1948 Dr. Fraser began a major study of antibiotic substances with special reference to tubercle bacillus and gram-negative cocci. A year later she was studying the antibiotic activity of several strains of penicillin against gram-negative bacilli of the enteric group. In 1950 she began another two-year project, studying the toxicity and protective effect of partially purified antibiotic substances isolated from fungi, utilizing samples of Arctic soil. She also investigated the conditions for the production of antibiotics in deep culture.

In 1952 she began expanding on earlier research by exploring methods for the concentration of antibiotic from one of the strains of penicillin previously studied. The following year she was investigating methods for the electrophoresis on paper strips of vaccinia virus and a strain of bacteriophage, research that continued to be refined over the next several years with particular references to viruses. By 1957 she was beginning chemical tests of the fractions obtained by electrophoresis separation. Simple synthetic media were also developed for the propagation of phage on a non-pathogenic mycobacterium. In the late 1950s and the early 1960s Dr. Fraser's principal research was in a major project on the development of the anti-tuberculosis antigen, compound 377.

The eight boxes in this series contain research notes, background material, correspondence, data, articles and reports. The associated nine boxes of records of laboratory experiments are found in the next series.

The series begins with three boxes (B1995-0044/019-021) of mimeographed and printed articles, and reports, and research notes on areas of interest, especially scarlet fever, tuberculosis, cultures, penicillin, electrophoresis, rheumatic fever, serum sickness, smallpox, spectrophotometry staphylococcus, streptococcus and venereal disease. The arrangement is largely alphabetical by topic.

B1995-0044/022 contains applications for, reports on, and correspondence regarding research grants for the years 1944-1964, on projects such as testing the effectiveness of penicillin, on new antibiotics, the electrophoresis of viruses, and tuberculosis vaccine trials.

B1995-0044/023-/024 contain correspondence, notes, and test results for research on scarlet fever streptococcus toxin production, and papers describing the results. Included are data for tests on rabbits, in schools, isolation hospitals, the Ontario School for the Deaf, orphanages, and students in the Public Health Nursing program at the University of Toronto. Much of this research was carried out at the Connaught Laboratories, and the researchers corresponded with several other research institutes including the Richardson Pathological Laboratory at Queen's University.

B1995-0044/025 contains files on scarlet fever outbreaks amongst the Royal Canadian Air Force and other military personnel in bases across Ontario between 1941 and 1944. There are also more files of correspondence, notes, and reports, primarily from the 1930s and the early 1940s, on the development of scarlet fever antitoxin, on testing the effectiveness of penicillin in oil and wax in the treatment of gonorrhoea, and on the survival of streptococci and staphylococci in various products. The files from the 1950s relate largely to work on bacteria and viruses and to research methodology.

B1995-0044/026 contains the last general research files in this series. The correspondence, data, and reports are associated with the development of compound 377. Sensitivity tests, clinical and drug trials were carried out at the Mountain Sanatorium in Hamilton, at the Toronto Hospital for Tuberculosis in Weston, and in London and Woodstock.

Arrangement: File B1995-0044/020(10), containing oversized tables of penicillin test results from 1942-1943 and data from about 1947 on testing the effectiveness of penicillin in oil and wax in the treatment of gonorrhoea, is stored separately.

Oversized material on serum sickness (B1995-0044/020(17)) has been stored separately.

Photoprints on the preparation of smallpox vaccine virus have been removed from B1995-0044/020(18) and transferred to B1995-0044/003P(02).

<b>Box number</b>	<b>Date range</b>
B1995-0044/019(01)-(14)	1918-1960
B1995-0044/020(01)-(24)	1929-1965
B1995-0044/021(01)-(06)	1922-1964
B1995-0044/022(01)-(16)	1944-1964
B1995-0044/023(01)-(22)	1924-1962
B1995-0044/024(01)-(18)	1925-1947
B1995-0044/025(01)-(20)	1925-1962
B1995-0044/026(01)-(12)	1956-1962

Access: Open

Boxes: B1995-0044/019-/026,  
B1995-0044/020(10),(17) oversize  
B1995-0044/003P(02)

## Series 8: Research: Laboratory Reports

1925-1962

1.17 m of textual records

Associated with the research files are nine boxes of laboratory notebooks with the results of experiments conducted between 1925 and 1964. The arrangement is chronological, and by notebook number where more than one is used in a project. The earliest results, from 1925 to 1942 (B1995-0044/027-/029), relate largely to scarlet fever antitoxin research, though there are also some for vaccine research beginning in 1935. From 1942 to 1948 (B1995-0044/030-/031) the notebooks contain data for experiments on penicillin absorption, on Griffith cultures, on streptomycin, and the effectiveness of penicillin in the treatment of gonorrhoea.

The remaining notebooks in B1995-0044/031 and the first one in B1995-0044/032 (1948 to 1953) contain data collected for the experiments on the new strains of micro-organisms, on gram-negative cocci experiments. There follows five notebooks of data from experiments carried out between December, 1950 and December, 1952 on antibiotic strains of fungi, including strains isolated from samples of Arctic soil, and possibly on other projects as well.

The first notebook in B1995-0044/033 contains data from experiments conducted in the first four months of 1953 that are not identified. There follow, in B1995-0044/033-/034, eleven notebooks of data from experiments conducted between May, 1953 and March, 1958 that are from Dr. Fraser's experiments on methods for the electrophoresis on paper of viruses and a strain of bacteriophage. These notebooks are related to six more containing data on phage experiments, beginning with the last file in B1995-0044/034. They cover the period October, 1952 to September, 1957. This may be the data that led to the development of simple synthetic media for the propagation of phage on a non-pathogenic mycobacterium.

The last two laboratory notebooks in this series contain later data (April 1958-January 1959) on phage experiments, and swabs from Public Health Nursing students taken between 22 January and 3 December, 1964.

Box number	Date range
B1995-0044/027(01)-(06)	1925-1949
B1995-0044/028(01)-(08)	1931-1949
B1995-0044/029(01)-(07)	1940-1948

Box number	Date range
B1995-0044/030(01)-(06)	1945-1951
B1995-0044/031(01)-(07)	1947-1952
B1995-0044/032(01)-(06)	1950-1953
B1995-0044/033(01)-(06)	1952-1955
B1995-0044/034(01)-(07)	1956-1962
B1995-0044/035(01)-(07)	1956-1962

Access: Open

Boxes: B1995-0044/027-/035

### Series 9: Works of Art

1906-1964

19 artworks

Frieda Fraser was an amateur artist who sketched most of her life. While she drew only for herself and her friends, the items in this series, and scattered through her correspondence and notebooks elsewhere, demonstrate more than a little talent. Dr. Fraser had a good eye for form (human, animal, or nature) and the small events in life that amused her. Her letters to Bud are a particularly revealing source of her artistic humour.

The earliest sketch here is one she made as a child on 30 September, 1906 and the latest date from 1964. Included are two fine watercolours, untitled but probably of the Go Home Bay area where she often vacationed. Dr. Fraser also experimented with block printing and there are several examples in this series.

Access: Open

Boxes: B1995-0044/002P

### Series 10: Graphic material

[19--]-1992

2.77 m of graphic records

This series consists of photoprints, some photonegatives (including nitrate negatives), and slides documenting the activities of the Fraser family over two and more generations. While most of the images document the activities of Frieda and Bud,

individually and together, there are numerous images of other members of the family, especially at the cottage at Go Home Bay and, occasionally, in other places such as the mountains of British Columbia. There are also a few images of relatives in Germany and some of colleagues and friends.

This series has not been arranged. Boxes B1995-0044/003 to /010 contain photoprints and negatives, with the occasional slide. Boxes B1995-0044/011 to /014 contain slides.

Box number	Date range
B1995-0044/003P	190--1992
B1995-0044/004P	193--196-
B1995-0044/005P	193--195-
B1995-0044/006P	194--195-
B1995-0044/007P	193--195-
B1995-0044/008P	193--195-
B1995-0044/009P	19-
B1995-0044/010P	1925-195-
B1995-0044/011P	19- [slides]
B1995-0044/012P	19- [slides]
B1995-0044/013P	19- [slides]
B1995-0044/014P	19- [slides]

Access: Open

Boxes: B1995-0044/003P-/014P

### **Sous-fonds 3: Edith Bickerton (Bud) Williams sous-fonds**

1862-1979

0.35 m of textual and graphic records (3 boxes)

5 oversized items

Access: Open

#### **Series 1: Personal and Biographical**

1862-1962

3 oversized folders

This series consists of a volume of Longfellow's poetry (last part, including back cover missing), with a bookplate with the coat-of-arms of the Williams family (Sir John Bickerton Williams, Kt., LL.D., F.S.A.), a certificate for the family plot in Mount Pleasant

Cemetery (1916), a medical certificate for Edith (Bud) Williams from England (1927), and press clippings about her passion for mountain climbing (1962).

Access: Open  
Boxes: B1995-0044/P

## **Series 2: Correspondence**

1905-1979  
0.28 m of textual records

This series consists of correspondence divided into two distinct parts. Except for a few letters received from family and friends between 1916 and the 1940s, the first part contains letters received by Bud from Frieda between 1924 and 1942, most of which were written before the end of 1927. Frieda and Bud were separated for long periods in the 1920s and the 1930s and did not live together until the end of the 1930s. The letters document their personal lives as a same-sex couple, as well as their professional lives as women in medicine in the early 20<sup>th</sup> century.

The second group of letters and cards is those received just before Bud's first stroke in 1976 and between then and her death in 1979. As Bud was unable to write, Frieda answered them, drafting most replies on the backs of cards and envelopes, which have been retained here. There was an enormous outpouring of support from friends and colleagues, and Bud's eldest sister, Betty, visited regularly.

For a file list see Appendix F.

Access: Open  
Boxes: B1995-0044/036-/037

## **Series 3: Graphic material**

[189-]-[197-]  
0.07 m of graphic records  
2 oversized folders

This series documents Edith Williams' life, beginning with photoprints of her as a baby, taken probably late in 1900 or 1901, and ending with a colour photoprint of her in old age. In between are numerous black-and-white and several colour photoprints of her at various stages of her life and involved in a variety of activities, including mountain climbing. There are several photoprints of her with Frieda and of Frieda herself. There

are also two photoprints of other members of her family as young children, including her elder sister, Betty.

Access: Open

Boxes: B1995-0044/015P, B1995-0044/010P (oversize studio portraits)

### **Accession B1997-0027 – Fraser Family 1997 Accession**

1858-1992

0.84 m of textual and graphic records (6 boxes)

Records documenting various members of the Fraser family including:

- 1979 Zahn Family Chronicle and other family history items;
- William H. Fraser's lecture notes in Spanish 1892-1905;
- some family correspondence mainly belonging to either Donald T. Fraser and Frieda Fraser including Frieda Fraser's correspondence with her aunt and cousin in Germany;
- sketches and paintings by Frieda Fraser;
- family photographs.

Note: Records in accession B1997-0027 have not yet been arranged or described.

Access: Open

Boxes: B1997-0027/001-/002, B1997-0027/001P-/004P

## Appendix A Sous-fonds 1: William Henry Fraser

### Series 1: Memorabilia (W. H. Fraser's prize books)

Adams, W. Davenport. *Dictionary of English Literature, being a comprehensive guide to English authors and their works*. London: Cassell, Peter & Galpin, n.d. Cover stamped with University College crest. 4th year prize, French oration, 1880. Signed by Daniel Wilson, President, and Emile Pernet, lecturer in French.

*The Complete Works of Oliver Goldsmith*. London: Robert John Bush, 1867, new ed. Cover stamped with University of Toronto crest. Not signed and dedicated but has note "French Prose: W. H. Fraser".

*The Poetical Works of Lord Byron, reprinted from the original editions, with explanatory notes, &c.* London: Frederick Warne, n.d. Cover stamped with University of Toronto crest. 4th year prize, French oration, 1880. Signed by Edward Blake, Chancellor, and W. G. Falconbridge, Registrar.

*The Poetical Works of Thomas Hood, reprinted from the early editions, with memoir, explanatory notes, &c.* London: Frederick Warne, n.d. Cover stamped with University College crest. 4th year prize, French, German and Italian literature, 1880. Signed by Daniel Wilson, President; W. H. Van der Smissen, lecturer in German; Emile Pernet, lecturer in French, and William Oldwright, lecturer in Italian.

*The Poetical Works of Thomas Moore, reprinted from the early editions, with memoir, explanatory notes, etc.* London: Frederick Warne, n.d. Cover stamped with University College crest. 4th year prize, French, German, and Italian literature, 1880. Signed by Daniel Wilson, President; W. H. Van der Smissen, lecturer in German; Emile Pernet, lecturer in French, and William Oldwright, lecturer in Italian.

Roberts, John S., comp. *The Legendary Ballads of England and Scotland*. London: Frederick Warne, n.d. Cover stamped with University College crest. 4th year prize, French, German, and Italian literature, 1880. Signed by Daniel Wilson, President; W. H. Van der Smissen, lecturer in German; Emile Pernet, lecturer in French, and William Oldwright, lecturer in Italian.

*The Works of Alfred Tennyson, Poet Laureate*. London: C. Kegan Paul & Co., 1879. Cover stamped with University College crest. 4th year prize, German oration, 1880. Signed by Daniel Wilson, President and W. H. Van der Smissen, lecturer in German.



## Appendix B Sous-fonds 1: William Henry Fraser

### Series 2: Correspondence

File number	File title	Date range
B1995-0044/001 (05)	Fraser, W. H. Letters to the editor, on university scholarships and graduate representation on the Senate	1885-1886
B1995-0044/001 (06)	Fraser, W. H. Letter from lecturers in modern languages re course equivalents in University College	1891
B1995-0044/001 (07)	Fraser, W. H. First letter received from his daughter, Frieda, 20 March, 1907	1907
B1995-0044/001 (08)	Fraser, W. H. Correspondence with Ministry of Education, Hunter Rose, Copp Clark, and D. C. Heath re W. H. Fraser and John Squair, High School French Grammar	1898-1916
B1995-0044/001 (09)	Fraser, W. H. Correspondence with George Harrap & Co. re W. H. Fraser and John Squair, Heath's Practical French Grammar	1901-1910
B1995-0044/001 (10)	Fraser, W. H. Correspondence re proposed separate edition of Fraser and Squair, High School French Grammar for use by matriculation students in Manitoba	1912
B1995-0044/001 (11)	Fraser, W. H. Correspondence with publisher Copp Clark of W. H. Van der Smissen and W. H. Fraser, High School German Grammar and Exercises	1909-1912
B1995-0044/001 (12)	Fraser, W. H. Correspondence with D. C. Heath & Co. re High School German Grammar	1909
B1995-0044/001 (13)	Fraser, W. H. Correspondence with D. C. Heath & Co. re High School German Grammar	1910
B1995-0044/001 (14)	Fraser, W. H. Correspondence with D. C. Heath & Co. re corrected copy of High School German Grammar	1911
B1995-0044/001 (15)	Fraser, W. H. Correspondence with George Harrap & Co. re W. H. Van der Smissen and W.	1910-1912

File number	File title	Date range
	H. Fraser, Harrap's Modern German Grammar with Exercises and Vocabularies	
B1995-0044/001 (16)	Fraser, W. H. Miscellaneous correspondence	1909-1916
B1995-0044/001 (17)	Fraser, Helene. Correspondence	1914-1931

## Appendix C Sous-fonds 1: William Henry Fraser

### List of publications

The following constitutes a list of the editions of W. H. Fraser's textbooks. Those marked with an asterisk have been retained in this accession.

Fraser, W. H. *Un Philosophe sous les toits, Journal d'un Homme Hereux, par Emile Souvestre*. Toronto: Copp, Clark Co., 1887

Fraser, W. H. and John Squair. *The High School French Reader with vocabulary and notes*. Toronto: Rose Publishing Co., 1890

Fraser, W. H. and John Squair. *The High School French Grammar*. Toronto: Rose Publishing Co., 1891

Fraser, W. H. and John Squair. *The High School French Grammar and Reader*. Toronto: Hunter Rose Co., 1900

Fraser, W. H. and John Squair. *The High School French Grammar and Reader*. Toronto: Copp, Clark Co., 1900

\*Fraser, W. H. and John Squair. *A French Grammar for Schools and Colleges, together with a brief reader and English exercises*. Boston, D. C. Heath & Co., 1901. This copy has corrections referring to specific letters to the publisher

\*Fraser, W. H. and John Squair. *A French Grammar for Schools and Colleges, together with a brief reader and English exercises*. Boston, D. C. Heath & Co., 1902. "Received 25 April, 1903. Some Copp Clark corrections ordered 12.12.03, entered herein, but see abridged Fr. Grammar, 1st ed. for complete list."

\*Fraser, W. H. and John Squair. *A French Grammar for Schools and Colleges, together with a brief reader and English exercises*. Boston, D. C. Heath & Co., 1902. Corrected copy: "Suggestions of Madame Raiche -- Nov., 1902."

\*Fraser, W. H. and John Squair. *Heath's Practical French Grammar*. London: D. C. Heath, 1902. Annotated.

Fraser, W. H. and John Squair. *New High School French Grammar*. Toronto: Copp, Clark Co., 1913. Advance copy.

- Fraser, W. H. and John Squair. *A Shorter French Course*. Boston: D. C. Heath, 1913. "First copy of U.S. edition, received 5 March, 1913"
- Van Der Smissen, W. H. and W. H. Fraser. *The High School German Grammar*. New York: D. Appleton & Co., 1888
- Van Der Smissen, W. H. and W. H. Fraser. *The German Grammar and Reader*. Toronto: Copp, Clark Co. (title page missing) Revised edition
- Van Der Smissen, W. H. and W. H. Fraser. *High School German Grammar and Exercises*. Toronto: Copp Clark Co., 1909 "First copy of the edition of 1909 -- received in Paris, 7th October, 1909. 1st edition
- \*Van Der Smissen, W. H. and W. H. Fraser. *High School German Grammar and Exercises*. Toronto: Copp Clark Co., 2nd edition, 1910. Annotated with references to the correspondence with the publisher.
- Van Der Smissen, W. H. and W. H. Fraser. *Harrap's Modern German Grammar with exercises and vocabularies*. London: George G. Harrap & Co., 1911
- Van Der Smissen, W. H. and W. H. Fraser. *Key to Harrap's Modern German Grammar with some notes for teachers*. London: George G. Harrap & Co., 1911 "W. H. Fraser, received 3.11.11"

## Appendix D Sous-fonds 1: William Henry Fraser

### Series 5: Manuscripts and publications

File number	File title	Date range
B1995-0044/004(15)	"Italian in the University of Toronto". 'Prepared for Signor Garibaldi, 16th June, 1906'. Typescript	1906
B1995-0044/004(16)	Fraser, W. H. and John Squair. <i>A French Grammar for Schools and Colleges, together with a brief reader and English exercises</i> . Boston, D. C. Heath & Co., 1901. 'Toronto, 18th April, 1901' With annotations referring to specific letters from the publisher	1901-1902
B1995-0044/006(01)	Fraser, W. H. and John Squair. <i>A French Grammar for Schools and Colleges, together with a brief reader and English exercises</i> . Boston, D. C. Heath & Co., 1902. Corrected copy: "Suggestions of Madame Raiche -- Nov., 1902."	1902

<b>File number</b>	<b>File title</b>	<b>Date range</b>
B1995-0044/006(02)	Fraser, W. H. and John Squair. <i>A French Grammar for Schools and Colleges, together with a brief reader and English exercises.</i> Boston, D. C. Heath & Co., 1902. "Received 25 April, 1903. Some Copp Clark corrections ordered 12.12.03, entered herein, but see abridged Fr. Grammar, 1st ed. for complete list."	1902-1903
B1995-0044/006(03)	Fraser, W. H. and John Squair. <i>Heath's Practical French Grammar.</i> London: D. C. Heath, 1902. Annotated.	1902
B1995-0044/006(04)	<i>Alternative Exercises for Fraser and Squair's French Grammar, prepared by the authors.</i> Boston: D. C. Heath & Co., 1908	1908
B1995-0044/006(05)	<i>Exercises for a Shorter Course on Section Two of Heath's Practical French Grammar by the authors of the Grammar.</i> London: George G. Harrap & Co., n.d.	[19--]
B1995-0044/006(06)	Fraser, W. H. <i>Italian Exercises.</i> N.P., n.d.	[19--]
B1995-0044/006(07)	Van Der Smissen, W. H. and W. H. Fraser. <i>High School German Grammar and Exercises.</i> Toronto: Copp Clark Co., 2nd edition, 1910. Annotated with references to the correspondence with the publisher.	1909-1911
B1995-0044/007(01)	Pages cut from a French grammar text and mounted in a volume of blank pages, which have been annotated in Italian, perhaps for Fraser's <i>Italian Exercises</i>	[19--]
B1995-0044/008(01)	<i>Alternative Exercises for Fraser and Squair's Shorter French Course.</i> Boston: D. C. Heath, 1916	1916
B1995-0044/008(02)	Comments on proof copy of Edward Kylie's volume for <i>Round Table Studies</i> , 1st Series	1912

## Appendix E Sous-fonds 2: Frieda Helen Fraser

### Series 2: Correspondence

File number	File title	Date range
B1995-0044/010(01)	Unidentified fragment of letter	n.d.
B1995-0044/010(02)	Fragment of letter from Bud	[192-]
B1995-0044/010(03)	Letters from Bud. 1925	1925
B1995-0044/010(04)	Letters from Bud. January-June 1926	1926
B1995-0044/010(05)	Letters from Bud. July-September 1926	1926
B1995-0044/010(06)	Letters from Bud. October-December 1926	1926
B1995-0044/010(07)	Letters from Bud. January-March 1927	1927
B1995-0044/010(08)	Letters from Bud. April-June 1927	1927
B1995-0044/010(09)	Letters from Bud. July-December 1927	1927
B1995-0044/010(10)	Letters from Bud. 1933-1935	1933-1935
B1995-0044/010(11)	Letters from Bud. 1936-1939	1936-1939
B1995-0044/010(12)	Letters from Bud. 1940-1942, 1960	1940-1942, 1960
B1995-0044/010(13)	Letters from friends at college	1917-1918
B1995-0044/010(14)	Letters from other friends and acquaintances	1921-1949
B1995-0044/010(15)	Letters from relatives	n.d.-1960
B1995-0044/010(16)	Letters from Helen M. Bryant	1939-1943
B1995-0044/010(17)	Letters from Mary Reid	1920-1949
B1995-0044/010(18)	Letters from Mily Muller-Scheessel, Bremen, West Germany (in German) [aunt]	1947-1953
B1995-0044/010(19)	Letters from Erika Strakelberg, West Germany (in German) [aunt] [photos removed]	1947-1980
B1995-0044/010(20)	Letters from members of Wally family [aunts], Bad Rothenfelde, West Germany (in German)	1947-1948
B1995-0044/010(21)	Letter re death of brother, Donald	1950
B1995-0044/011(01)	Correspondence	1960,1963
B1995-0044/011(02)	Correspondence re health	1966-1968
B1995-0044/011(03)	Correspondence re property	1971
B1995-0044/011(04)	Correspondence	1976
B1995-0044/011(05)	Letters and cards received. January-August 1977	1977
B1995-0044/011(06)	Letters and cards received. September-December 1977	1977
B1995-0044/011(07)	Letters and cards received. 1978	1978

<b>File number</b>	<b>File title</b>	<b>Date range</b>
B1995-0044/011(08)	Letters received re last illness and death of Bud, A-L	1979
B1995-0044/011(09)	Letters received re last illness and death of Bud, M-Z	1979
B1995-0044/011(10)	Letter of thanks re gift of painting by Lawren Harris to University of Guelph in memory of Bud	1988

### **Appendix F Sous-fonds 3: Edith Bickerton (Bud) Williams**

#### **Series 2: Correspondence**

<b>File number</b>	<b>File title</b>	<b>Date range</b>
B1995-0044/036(04)	Correspondence from family and friends	1905-[194-]
B1995-0044/036(05)	Letters from Frieda. 1924	1924
B1995-0044/036(06)	Letters from Frieda. 1 January - 29 March 1925	1925
B1995-0044/036(07)	Letters from Frieda. 9 July - 21 December 1925	1925
B1995-0044/036(08)	Letters from Frieda. 11 February - 25 May	[ca. 1926]
B1995-0044/036(09)	Letters from Frieda. undated letters from June (?) and 1 June - 30 September	1926
B1995-0044/036(10)	Letters from Frieda. 3 October - 25 December 1926	1926
B1995-0044/036(11)	Letters from Frieda. 7 January - 27 April 1927	1927
B1995-0044/036(12)	Letters from Frieda. 3 May - 28 September 1927	1927
B1995-0044/036(13)	Letters from Frieda. 1933-1942	1933-1942
B1995-0044/036(14)	Correspondence. 1975-1976	1975-1976
B1995-0044/037(01)	Letters and cards. January-April 1977	1977
B1995-0044/037(02)	Letters and cards. May-October 1977	1977
B1995-0044/037(03)	Letters and cards. November-December 1977	1977
B1995-0044/037(04)	Letters and cards. 1978	1978
B1995-0044/037(05)	Letters and cards. 1979	1979