

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



**James Arnold Dauphinee  
Personal Records  
B1985-0006**

**Revised by Garron Wells  
April 2010**

# UNIVERSITY OF TORONTO ARCHIVES

B1985-0006

James Arnold Dauphinee

Access: Restricted

Multimedia

1913-1983

20.0 m

## Table of Contents

Preface to the 2010 edition .....	3
Biographical Note .....	3
Sous Fonds 1: James Arnold Dauphinee .....	5
Series 1 Personal and Biographical .....	5
Series 2: Subject files, A - C .....	5
Series 3: Subject files, A-C. (Research on Radiation) .....	5
Series 4: Subject files, C-Z. ....	6
Series 5. University of Toronto. ....	6
Series 6: Research -Card indexes.....	7
Series 7: Research: literature, notes and data.....	8
Series 8: Addresses.....	9
Series 9 Writings: James A. Dauphinee .....	10
Series 10 Publications -Dr. Dauphinee's Colleagues at University of Toronto. ....	10
Series 11 Publications (other). ....	10
Series 12 Patient files .....	11
Series 13 Sound Recordings.....	11
Series 14 Photographs.....	11
Series 15 Hunter, Andrew .....	11
Sous Fonds 2 Andrew Hunter Papers .....	11

## UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983

20.0 m

### **Preface to the 2010 edition**

This finding aid has been slightly revised and updated from the original which was written in the mid 1980s. The section on Restrictions has been deleted and replaced with the updated Access statement. It reflects current legislative requirements relating to privacy.

The finding aid describing individual boxes below has not been changed except for the addition of description for Series 13 Photographs which has been copied from the *Guide to Graphic Records in the University of Toronto Archives*. A brief biographical note has also been added.

### **Biographical Note**

James Arnold Dauphinee was born in New Westminster, B.C. on January 9, 1903, the son of Lindsay Arnold and Isabella St. Clair. He graduated from the University of British Columbia with a Bachelor of Arts degree in 1922 and received a Ph.D.(biochemistry; 1929) and M.D. (1930) specializing in internal medicine from the University of Toronto. From 1938 to 1941 he was engaged in private practice. During World War II he served with the Royal Canadian Army Medical Corps and held the rank of lieutenant colonel. He was awarded the Order of the British Empire (O.B.E.) for his work at a Belgian military hospital. Following his military service, he returned to private practice in 1945. He was appointed professor of pathological chemistry and head of the department at the University of Toronto in 1947, succeeding Dr. Andrew Hunter. He remained as head until 1966.

He was married to Doris Manning in 1929. Following her death, he married her sister, Muriel. He died at Sunnybrook Medical Centre, Toronto, after a lengthy illness on August 18, 1983.

**Access:** Restricted. Records containing personal health information are subject to review under *Freedom of Information and Protection of Privacy Act*.

**Related records in another fonds:** Dept. of Pathology, A1991-0025

April 6, 2010

## UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983

20.0 m

### **Introduction**

The papers of James Arnold Dauphinee are a particularly fine representation of their type. Highly intelligent and inventive, Dr. Dauphinee had an international reputation in his field, pathological chemistry. He maintained a broad range of other interest, from music to philately, and was known to play the occasional game of golf. He was something of a packrat but, fortunately, also a meticulous record keeper. His papers are of value to the reader from a number of perspectives. A history of the Department of Pathological Chemistry could not be written without reference to them. Dr. Dauphinee's files cover the years 1934-1972 and he also preserved some of the papers of his predecessor as head, Andrew Hunter. The Department is not well represented elsewhere in the holdings in the University Archives.

Dr. Dauphinee was very interested in new developments in research. After his return from military service during World War II, he became deeply involved in the study of the effects of radiation on the human body. His papers are a rich resource for this pioneering work, as they are for the work he began as a medical student on arginase and the functioning of the liver and carried on throughout the rest of his life. Dr. Dauphinee wrote numerous scientific papers, many of which were published. Some very interesting ones exist in draft form only, but contain his evolving ideas on problems being studied. He also believed in the wider dissemination of information, and was much in demand as a speaker. His papers contain many of his addresses and document his enthusiastic support of organizations such as the Royal Canadian Institute.

He was also keenly interested in professional development and the maintenance of high standards in his discipline. He belonged to a large number of professional associations and devoted much energy to some of them, including the College of Physicians and Surgeons of Ontario. The qualities evident here and in his research were also reflected in his relationship with his patients. His concern for their well-being is evident in his extensive patient files and in the records he kept while on active service during World War II.

### **The Arrangement of the Papers**

Dr. Dauphinee maintained an extensive-card index of his library and of the journals and books he had read. His penchant for organization was evident, as well, in his papers which were kept in very good order. Over half of the total was housed in three-ring binders carefully labelled. The file titles in the finding aid often reflect his arrangement. Where it was not evident, file titles were derived from the content and placed in the appropriate series.

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

<b>/Box (file)</b>	<b>Title</b>	<b>Dates</b>
	<b>Sous Fonds 1: James Arnold Dauphinee</b>	
	<b>Series 1          Personal and Biographical</b>	
/001	Organization of his papers; general personal files.	
/002	Addresses: card index.	
/003	Automobile log; daily journal,	1930, 1936, 1939.
/004	Daily Journal	1959-1969.
/005	Personal library. Author references -journals and monographs, with some abstracts.	
/006	Personal library. Author/subject card index	
/007	Trips. Boston, 1947; Boston, New York City, Baltimore, 1950; Australia and New Zealand 1960	1947, 1950, 1960
/008	Certificates and diplomas.	
/009	Scrapbooks.	
/010	Correspondence (Personal).	1923-1971.
/011	Correspondence (Personal).	1970-1979.
/012	Education. Undergraduate (B.A., U.B.C., 1923).	
/013	Education. U of T. Faculty of Medicine and School of Graduate Studies, 1923-1930; Post-doctoral studies, United Kingdom, 1930-1931.	
/014	Military Service. World War II	
/015	Military Service .World War II	
	<b>Series 2: Subject files, A - C</b>	
/016	Academy of Medicine. British Commonwealth Alliance in the Dominion of Canada	
/017	Canada. Department of National Defence. Standing Committee on Nutrition. Report on Cold Weather Operational Trials of Rations, 1944	1944
	<b>Series 3: Subject files, A-C. (Research on Radiation)</b>	
/018	Atomic Energy of Canada Limited Canada. Department of National Defence. Defence Research Board. Defence Medical Research Advisory Committee ...Panel on Radiation.	
/019	Canada. Department of National Defence Panel on Radiation (continued)	

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

<b>/Box (file)</b>	<b>Title</b>	<b>Dates</b>
/020	Canada. Department of National Defence Panel on Radiation (continued)	
/021	Canada. Panel on Radiation; Department of National Health and Welfare. Advisory Committee on the Clinical Use of Isotopes; U of T Committee on Clinical Use of Isotopes (see also boxes /035-/037); U.S. Atomic Energy Commission. (see also boxes /031, /032, /103-105).	
<b>Series 4: Subject files, C-Z.</b>		
/022	Canada. Department of Veterans Affairs Canadian Arthritis and Rheumatoid Society.	
/023	Canadian Association of University Teachers -Clinical Research Society of Toronto	
/024	College of Physicians and Surgeons of Ontario	1949-1961
/025	College of Physicians and Surgeons of Ontario	1949-1961
/026	College of Physicians and Surgeons of Ontario	1949-1961.
/027	College of Physicians and Surgeons of Ontario	1949-1961
/028	College of Physicians and Surgeons of Ontario	1949-1961
/029	College of Physicians and Surgeons of Ontario. Special Committee on Osteopaths	1959-1964
/030	Downtown Church Workers Association of Toronto - Medical Council of Canada.	
/031	National Research Council. Advisory Committee on Medical Research -Atomic Energy Project. Clinical Subcommittee	
/032	National Research Council. Medical Advisory Committee. Clinical Subcommittee -Ontario Cancer Treatment and Research Foundation.	
/033	Ontario Cancer Treatment and Research Foundation - Royal Astronomical Society of Canada.	
/034	Royal Canadian Institute.	
/035	Royal College of Physicians and Surgeons of Ontario – Toronto Biochemical and Biophysical Society.	
/036	Toronto Diabetes Association York Club.	

## **Series 5. University of Toronto.**

/037	Advisory Presidential Committee on Radiation Safety and Emergency Measures Plateau Committee.	
	Royal Lunch Club -University of Toronto Faculty Club; Faculty of Medicine. Clinical Committee on the Training	

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

<b>/Box (file)</b>	<b>Title</b>	<b>Dates</b>
/038	of Scientists -Committee on Isotopes Laboratory. Faculty of Medicine. University of Toronto Committee on Radioactive Isotopes -Fellowships and Grants.	
/039	Faculty of Medicine. Postgraduate Committee - Department of Pediatrics.	
/040	Department of Pathological Chemistry. General - Correspondence	
/041	Department of Pathological Chemistry. Correspondence. Staff meetings	
/042	Department of Pathological Chemistry. Budgets Research Grants.	
/043	Department of Pathological Chemistry. Courses and lectures.	Undated -1934- 1935
/044	Department of Pathological Chemistry. Courses and lectures.	1935-1936 to 1949-1950
/045	Department of Pathological Chemistry. Courses and Lectures	1950-1951 - 1958-1959.
/046	Department of Pathological Chemistry. Courses and lectures	1959-1960 - 1962-1963.
/047	Department of Pathological Chemistry. Courses and lectures	1963-1964 - 1966-1967.
/048	Department of Pathological Chemistry. Courses and lectures.	1966-1967 1967- 1968
/049	Department of Pathological Chemistry. Other lectures; student theses and research papers	1926-1958 .
/050	Student theses and research papers,	1962-1968
/051	Teaching hospitals; Symposia	To 1952
/052	Symposia.	1953-1979
<b>Series 6: Research -Card indexes.</b>		
/053	Key punch card indexes	
/054	"Completed bibliographic cards"; Cards -author indexed only; unsorted cards.	
/055	"Abstracts of articles -partly selected"; journals examined and carded.	
/056	Abstracts file Sodium and chlorine; Ion exchange and gel filtration.	
/057	Abstracts to 1928: Admino nitrogen -Xanthen; Bib1iographic entries: Authors Bantis disease Vitamin K.	1935-1939.

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

<b>/Box (file)</b>	<b>Title</b>	<b>Dates</b>
/058	Subject index. Addison's disease -Vitamins, with abstracts.	To 1931
/059	Medical problems: Books; General articles; Anaesthesia Thyroid diseases, problems. Abstracts of articles: Trace metals general to copper	
/060	Abstracts of articles: Trace metals -copper to zinc; Methods; Radiation; Substances -bile pigments to diuretics.	
/061	Abstracts of articles: Substances: Elements -calcium to strontium; Enzymes; Foods and diets.	
/062	Abstracts of articles: Substances -Hormones to Vitamins	

## **Series 7: Research: literature, notes and data.**

	<b>Access:</b> Restricted patient data and files	
/063	Scrapbooks.	
/064	Scrapbooks	
/065	Literature general	
/066	Apparatus.	
/067	Calibration book controls.	
/068	Medical supplies companies; photography record.	
/069	Methods.	
/070	References: Amino acids -liver.	
/071	References: Muscle -Zollinger; Uric acid.	
/072	Research -general. Results (includes some patients files)	
/073	Research projects: Correspondence.	1949-1966
/074	Research. Notes and data -general	
/075	Research. Data; acids -activation analysis.	1966-1967
/076	Amino acidura -Australia antigens	
/077	Arginase -literature.	
/078	Arginase -literature.	
/079	Arginase -literature.	
/080	Arginase -notes and experimental data.	
/081	Arginase -notes and experimental data	
/082	Arginase -notes and experimental data	
/083	Arginase -notes and experimental data.	
/084	Bacterial endocarditis -Blood protein	
/085	Blood protein -carbohydrate metabolism.	
/086	Carbohydrate metabolism -Chloride	
/087	Cholesterol copper metabolism (Wilson's disease).	
/088	Copper metabolism (Wilson's disease	
/089	Copper metabolism (Wilson's disease).	
/090	Copper metabolism (Wilson's disease) -Electrolytes	



# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

<b>/Box (file)</b>	<b>Title</b>	<b>Dates</b>
/091	Endocrinology -Glucose tolerance.	
/092	Hydrogen ions -Iron metabolism	
/093	Iron metabolism -Lipid metabolism.	
/094	Liver disease	
/095	Liver disease.	
/096	Liver disease.	
/097	Liver disease.	
/098	Liver disease - patients.	
/099	Liver disease - patients to Metabolism.	
/100	Metabolic and endocrine conditions Paper electrophoresis	
/101	Paper electrophoresis -Potassium	
/102	Protein metabolism Ring oven experiments (C.E. Downs	
/103	Radiation.	
/104	Radiation.	
/105	Radiation - Serum enzymes.	
/106	Serum proteins.	
/107	Serum proteins -Sodium chloride	
/108	Sodium chloride: "Water and salt" notes and articles	1910-1953
/109	Sodium chloride. "Salt" notebooks	
/110	Sodium chloride. "Salt" notebooks	
/111	Sodium chloride. "Salt" notebooks	
/112	Sodium chloride. "Salt" notebooks	
/113	Sodium Chloride. "Salt" notebooks	
/114	Spectroscopy -Thin-layer chromatography	
/115	Trace metals -Urease.	
/116	Viruses - Vitamin K.	
/117	Research by colleagues. Downs, C.E.	
/118	Research by colleagues. Downs, C.E.	
/119	Research by colleagues. Downs, C.E.	
/120	Research by colleagues. Biographical information and unpublished papers. Barkin, Martin - Walfish, Paul.	
<b>Series 8: Addresses</b>		
/121	Dauphinee, James A.	Undated, 1927-1951
/122	Dauphinee, James A.	1952-1976
/123	Bruce-Robertson, Alan - Volpé, Paul	

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

## **Series 9 Writings: James A. Dauphinee.**

- |      |   |                    |
|------|---|--------------------|
| /124 | Ph.D. thesis, 1929; M.D. thesis, 1930.  | 1929-1930          |
| /125 | Farquharson biography. Notes, correspondence and other material collected for uncompleted biography of Roy Fletcher Farquharson.  |                    |
| /126 | Farquharson biography. card index.  |                    |
| /127 | MSS and articles.   | Undated; 1924-1930 |
| /128 | MSS and articles: "Sodium, potassium and chloride malnutrition, including balance and shock". Chapter 12 in <i>Clinical Nutrition</i> , Jolliffe, Tisdall and Cannon, 1950.   | 1930-1950          |
| /129 | MSS and articles. "Physiological and nutritional aspects of sodium chloride." Drafts for 4th ed. of book, 1960 (?).   | 1951-1970          |
| /130 | 1960. "Sodium Chloride in Physiology, Nutrition, and Medicine." Chapter 18 in <i>Sodium Chloride</i> , ed. D.W. Kaufmann, 382-453. N.Y.: Reinhold, 1960. Early drafts (1954) covering correspondence; page proofs.                            | 1954, 1960         |
| /131 | 1962. Sodium, potassium and chloride malnutrition, including water balance and shock. Chapter 12 in <i>Chemical Nutrition</i> , ed. Norman Jolliffe. 2nd edition. Drafts, page proofs, final copies.  | 1962               |
| /132 | 1966. "The Regulation of the Hydrogen Ion Concentration of the Body Fluids." Chapter 13 in <i>The Physiological Basis of Medical Practice</i> , ed. C.H. Best and N.B. Taylor, 594-620. Baltimore: Williams and Wilkins, 1966. Various drafts | 1966               |

## **Series 10 Publications – Dr. Dauphinee's Colleagues at University of Toronto.**

- |      |                                 |
|------|---------------------------------|
| /133 | Baer, Erich -Graham, J. Wallace |
| /134 | Haist, R.E. -Young, R.J.        |

## **Series 11 Publications (other).**

- |      |   |            |
|------|---|------------|
| /135 | Abelson, Dennis B. Greenspan, Ezia M.                                     |            |
| /136 | Halbert, S.P. – Mainland, Donald.   |            |
| /137 | Mainland Donald. "Notes from a Laboratory of Medical Statistics." #1-132. | 1964-1965. |
| /138 | Middleton, William S. -Zollinger, Robert.                                 |            |

# UNIVERSITY OF TORONTO ARCHIVES

**B1985-0006**

**James Arnold Dauphinee**

Access: Restricted

Multimedia

1913-1983  
20.0 m

## **Series 12 Patient files**

**Access:** Restricted

/139	Card indexes	
/140	Card indexes	
/141	Case Books. A-R.	
/142	Case Books. S-Z.	
/143	Patient files.	1926-1934.
/144	Patient files.	1935-1952
/145	Patient files.	1945-1952.
/146	Patient files.	1953-1965.
/147	Patient ledgers (2)	1939, 1945-1959; 1950' s.
/148	Patient ledgers (1).	1951-1952
/149	Patient ledgers (2)	1950's; 1950's and 1960's.
/150	Patient ledgers (1).	1950's and 1960's
/151	Patient ledgers (1), A-H	1950's and 1960's
/152	Patient ledgers (1) , I-Z	1950's and 1960's

## **Series 13 Sound Recordings .**

/153	Rex-Recorder discs (4)	
------	------------------------	--

## **Series 14 Photographs.**

/001P - /006P & /P	Ca 400 film slides: b & w; 35 mm; 11 lantern slides: b & w; 60 gelatin photoprints:b & w; 17 gelatin photoprints: col. Faculty of Medicine class reunions and anniversary dinners; members of the Medical Council of Canada, Ottawa; slides showing studies of cells and patients with diabetes, gout and rheumatoid arthritis; family travels in Fiji and Australia. Arranged chronologically.	1916-1960; predominant 1944-1960
-----------------------	--	--

## **Series 15 Hunter, Andrew**

/154	Dr. Dauphinee's files on Andrew Hunter; obituaries and tributes	
------	---	--

## **Sous Fonds 2 Andrew Hunter Papers**

/155	Hunter, Andrew : Addresses, lectures and notes.	n.d. & 1913
------	---	-------------