

S. J. McKee Archives



T.R. Wilkins collection

<http://archives.brandonu.ca/en/permalink/descriptions4298>

Part Of: RG 1 Brandon College fonds

Description Level: Sub-series

Series Number: MG 1 1.4

Accession Number: 3-2016

GMD: textual records

Date Range: 1911?-1940

Physical Description: 7 cm

History /

Biographical:

Thomas Russell Wilkins was born in Toronto in 1891. He received his B.A. from McMaster University in 1912, and became the Science Master at Woodstock College the following year. In 1916, he and his wife Olive moved to Chicago, where Wilkins was an instructor of Physics at the University of Chicago. The next year he served as a master signal electrician in the U.S. Signal Corps. During World War I, Wilkins completed pioneer research for the United States Navy, which led to the development of pulse sonar devices in the 1920s. He had also been researching the possibilities of a wireless telephone.

Wilkins and his wife moved to Brandon in 1918, where he took up the position of Professor of Physics. During his time at Brandon College, Wilkins introduced the latest technology to classrooms, designed the original Science Building, and along with the Brandon Citizen's Committee, secured building funds for the Citizen's Science Building.

Receiving his Ph.D. from the University of Chicago in 1921, Wilkins resigned from Brandon College in 1925 to pursue postgraduate study at Cambridge University. In 1926, he began research at the University of Rochester, where he also took up the position of Professor of Physics. From 1930 to 1938, he acted as the Director of the Institute of Optics.

Widely known for his work in the fields of cosmic rays and atomic disintegration, in April 1939, Wilkins announced the perfection of a camera that was able to record the "footprints" of invisible atoms after they collide. In October 1939, he received a medal from the Royal Photographic Society of Great Britain recognizing his work regarding the use of photographic emulsions in the study of radium. The following year, Wilkins perfected a camera that could determine the energy levels inside the nuclei of stable chemical elements. He received a grant from Sigma Xi, the National Society for the Promotion of Scientific Research, in November of 1940.

Wilkins married twice. The first marriage, to Olive Angles Cross took place on June 17, 1913. Olive Wilkins died suddenly on May 13, 1937, at the age of 45. Wilkins married Susan Gwendolyn Whidden, the daughter of former Brandon College president Dr. H.P. Whidden, in 1938.

Thomas Russell Wilkins died suddenly of a heart attack on December 10, 1940, on his way back to his laboratory after a faculty meeting. He was 49 years old.

Custodial History:

Records were accessioned by the McKee Archives in 1998. Prior custodial history is unknown.

Scope and Content:

T. Russell Wilkins' records contain correspondence between himself and Mrs. Wilkins and Dr. Whidden concerning their employment with Brandon College. There are letters between the two men regarding the building of the Science Building in 1920. There is also a copy of the Canadian Baptist. Besides programmes and a picture, there is also correspondence between various people. Dr. Wilkins kept the papers he had written for various classes at McMaster University in the years 1911 and 1912. There is a "toast to the ladies" that he delivered at a banquet of some sort, that gives an interesting view on how Wilkins, and possibly other men of his time, viewed women. There are numerous newspapers clippings, and several pages taken from journals such as Popular Mechanics, Popular Electricity and others. Dr. Wilkins was at the top of his field of study. He was an extremely bright man who managed to create some very useful tools of science. His papers are interesting and informative to read.

Notes:	History/Bio information taken from Campus News May 1990
Name Access:	Olive Wilkins Thomas Wilkins H.P. Whidden
Subject Access:	science building science scientific development
Storage Location:	2016 accessions



Leonard Muirhead collection

<http://archives.brandonu.ca/en/permalink/descriptions12725>

Part Of:	RG 1 Brandon College fonds
Description Level:	Collection
Accession Number:	12-2012
GMD:	textual records
Date Range:	1937-1938
Physical Description:	1 file

History /

Biographical:

Leonard Andrew Muirhead (1918–2008) was the only child of Andrew and Isabella Muirhead. He grew up on the farm homestead in the Summerville District near Carberry, Manitoba. He graduated from Carberry Collegiate when he was sixteen. He helped out on the farm for two years after graduation then attended United College, Winnipeg, and then Brandon College. Muirhead then worked in the Financial Department at Canada Packers in Saint Boniface until 1942. In 1942 he returned home and helped his father with the farm operation. Leonard married Verle Sinclair, a local schoolteacher, on October 12, 1951. They had three daughters: Iris, Gwen, and Arla. In 1965, health reasons made him give up active farming and he began an income tax preparation business as well as selling investments for Trust Companies.

Leonard Muirhead attended Brandon College for the 1937-1938 school year. This was the last year that Brandon College was associated with McMaster University as it then became affiliated with the University of Manitoba.

Custodial History:

The papers remained with Leonard Muirhead's papers until his daughter, Iris Muirhead, donated the papers to the S.J. McKee Archives in 2011.

Scope and Content:

Collection consists primarily of 1938 examination papers from Brandon College, when it was affiliated with McMaster University. It also contains an exam schedule and a course outline. It contains examination papers from spring 1938 for the courses of 2nd and 3rd Years Physics 2y, 3w, Bible 2k, Psychology 2a, Mathematics 2x, Mathematics 1e, a syllabus for second term English 1g2a, and an examination timetable for spring 1938 for Brandon College.

Notes:	History/Bio information taken from conversation with Leonard Muirhead's daughter, Iris Muirhead in October 2012 and from obituary http://passages.winnipegfreepress.com/passage-details/id-136216/ (accessed October 24, 2012). Description by Jennifer Sylvester (October 2012).
Name Access:	Leonard Muirhead Brandon College McMaster University
Subject Access:	post-secondary education Arts Mathematics theology examinations
Storage Location:	2012 accessions
Related Material:	Brandon College fonds The Sickie 1937-1938 The Leonard Muirhead collection is available at the Carberry Plains Archives. Leonard Muirhead also donated records related to Montrose School and Carberry 4-H Combines to the Carberry Plains Archives.