

A Guide to the

Dr. James Barrowman fonds

COLL - 004

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**Faculty of Medicine Founders' Archive
Health Sciences Library
Memorial University of Newfoundland
25 January 2000
28 April 2003**

Dr. James Barrowman

(COLL-004)

Title: Dr. James Barrowman *fonds*
Dates: 1960-1993
Extent: 70 cm of textual material -- 48 photographs -- 197 slides

Biographical sketch:

James Adam Barrowman (1936-1991), physician and professor, was born 4 June 1936 in Edinburgh, Scotland. He attended early schooling at George Watson's Boys' College in Edinburgh from 1948 to 1954. That same year he enrolled in Edinburgh University where he went on to complete a BSc, (Hons Physiology) and the degrees of MB and ChB in 1961. In 1964, he was made a member of the Royal College of Physicians and two years later, earned a PhD from London University in 1966. Following this appointment, he was made a Fellow of the Royal College of Physicians (Canada) in 1977 for Gastroenterology and in 1979 for Internal Medicine. In 1980, he also was made a Fellow of the American College of Physicians by direct election and in 1981 he also became a Fellow of the Royal College of Physicians (London) by direct election.

Over the years, Dr. Barrowman held a variety of positions and appointments. From 1961 to 1962, he held a twelve-month pre-registration service and was House Physician to Professor John Strong, Western General Hospital, Edinburgh and House Surgeon to Sir John Bruce at the Royal Infirmary, Edinburgh. In 1962, he was appointed as a six-month senior house officer in gastroenterological medicine with Drs. Card and W. Sircus at the Western General Hospital, Edinburgh. From 1963 to 1966, Dr. Barrowman was Junior Lecturer and then Lecturer in the Department of Physiology at the London Hospital Medical College. Between 1967 and 1968, he was the Wellcome Travelling Research Fellow in University of Lund, Sweden, as part of the Department of Physiological Chemistry. Following this, he accepted a position as Senior Lecturer in Physiology at the London Hospital Medical College where he remained until 1975, having held the positions of Medical Registrar, Senior Lecturer in Medicine, and numerous other responsibilities in gastroenterology at the London Hospital.

In 1975, Dr. Barrowman made the trip to Newfoundland when he accepted the post of Associate Professor of Gastroenterology and Gastrointestinal Physiology at the new medical school at Memorial University in St. John's. He became a full professor in 1979 and was appointed Assistant Dean, Research and Graduate Studies (Medicine) at Memorial University of Newfoundland. He was also Director of the Residency Training Programme in Gastroenterology in the Faculty of Medicine at Memorial.

Outside of his teaching, Dr. Barrowman was involved in other aspects of professional medicine. These included holding memberships in Professional Societies such as the British Society of Gastroenterology, the Physiological Society, the Medical Research Society, the Royal College of Physicians of Canada, the Canadian Physiological Society, the American Gastroenterological Association, the American Pancreatic Association, the International Society of Lymphology, the

American College of Physicians, the Canadian Liver Club, the Splanchnic Circulation Group, the American Physiological Society, the Canadian Association of Gastroenterology, the American Oil Chemists' Society and the Advisory Committee of the Canadian Ileitis/Colitis Foundation.

James and his wife Gwynedd (nee Price) had four children. Dr. Barrowman died on 22 September 1991.

Custodial history:

Papers of Dr. James Barrowman were discovered in the Kenneth B. Roberts Historical Collection in the Health Sciences Library by Dr. John Crellin when Dr. Crellin accepted the position of John Clinch Professor of Medical History. The papers were retained by Dr. Crellin until the formation of the Faculty of Medicine Founders' Archive. The papers were transferred to the archive in September of 1999 by Dr. Crellin and processed in January 2000.

Scope and content:

Fonds consists of correspondence, teaching notes, research materials and articles, and photographic material relating to Dr. James Barrowman and his work in the Faculty of Medicine at Memorial University of Newfoundland. *Fonds* is composed of the following series:

- 1.0 Correspondence and Miscellaneous Materials, 1974-1990, (*Contains restricted material*)
- 2.0 Teaching Materials, [between 1974 and 1991], (*Contains restricted material*)
- 3.0 Research Materials, 1964-1989, (*Contains restricted material*)
- 4.0 Photographs and Slides, [19-?-1990], [predominant, 1970-1990]
- 5.0 Essays, Experiments, Studies, Workshops, Correspondence and Papers, 1960-1993 (*Contains restricted Material*)

Source of title:

Title is based on contents of the *fonds*.

Acquisition:

The papers of Dr. Barrowman were acquired from Dr. John Crellin, John Clinch Professor of Medical History at Memorial University in September of 1999. The papers had been stored in the Dr. Kenneth B Roberts Historical Collection prior to their move to the archive.

Arrangement:

When the papers of Dr. James Barrowman arrived at the Faculty of Medicine Founders' Archive, there was no degree of order present. A small number of files were labelled with original titles but photographs and correspondence were scattered throughout the collection. These characteristics formed the framework for further arrangement and description.

Restrictions:

There are no restrictions on access to or use of the materials in this *fonds*. Users should be aware that all materials in this *fonds* are protected by copyright and should act accordingly. It is the responsibility of the researcher to obtain copyright clearance from the copyright holder(s).

Accruals:

No further accruals are expected.

Location:

COLL-004, Faculty of Medicine Founders' Archive

Finding Aid:

Faculty of Medicine Founders' Archive finding aid #004. File level control

SERIES AND SUB-SERIES LIST:

- 1.0 Correspondence and Miscellaneous Materials, 1974-1990**
(Contains restricted material)
 - 1.01 Correspondence, 1974-1990
 - 1.02 Application Forms, 1983-1989
 - 1.03 Curriculum Vitae, July 1983**RESTRICTED**

- 2.0 Teaching Materials, [between 1974 and 1991]**
(Contains restricted material)
 - 2.01 Notes and Diagrams, [between 1974 and 1991]
(Contains restricted material)

- 3.0 Research Materials, Articles and Books, 1964-1989**
(Contains restricted material)
 - 3.01 Research Materials, 1964-1989
(Contains restricted material)
 - 3.02 Articles, 1976-1989
 - 3.03 Books, 1978

- 4.0 Photographs and Slides, [19?-1990], [predominant, 1970-1990]**
 - 4.01 Photographs
 - 4.02 Photographs
 - 4.03 Slides
 - 4.04 Slides

- 5.0 Essays, Experiments, Studies, Workshops, Correspondence and Papers, 1960-1993**
(Contains restricted Material)
 - 5.01 Essays, Studies, and Experiments, 1960-1986
 - 5.02 Papers and Publications, 1977-1987
(Contains restricted material)
 - 5.03 Workshops, 1993
 - 5.04 Notes and Correspondence, 1971-1988

SERIES AND SUB-SERIES DESCRIPTION

1.0 Correspondence and Miscellaneous Materials, 1974-1990 (*Contains restricted material*)

1.01 Correspondence, 1974-1990

1.01.001 31 May 1974 - 26 February 1990

1.02 Application Forms, 1983-1989

1.02.001 National Cancer Institute of Canada Research Grant, 3 November 1983

1.02.002 Request to President's Committee on Animal care for Approval of Procedures Involving Animals in Research or Teaching at Memorial University of Newfoundland, 4 November 1983

1.02.003 Elective program application, 26 September 1985 (2 copies)

1.02.004 Medical Audio-Visual Services, Faculty of Medicine, Memorial University of Newfoundland Photographic requests, 30 May 1986

1.02.005 Human Investigation Committee - Completed application for 30 November 1989

1.02.006 Human Investigation Committee - blank form

1.03 Curriculum Vitae, July 1983 **RESTRICTED**

1.03.001 Curriculum Vitae of Dr. James Barrowman, July 1983
RESTRICTED

2.0 Teaching Materials, [between 1974 and 1991] (*Contains restricted material*)

2.01 Notes and Diagrams, [between 1974 and 1991] (*Contains restricted material*)

2.01.001 Anatomy (morbid/comparative) [between 1974 and 1991]

2.01.002 Approach to Diarrhea [between 1980 and 1991]

2.01.003 Biliary Lithotripsy [1987-1991?]

- 2.01.004 Coeliac Disease [between 1980 and 1991]
- 2.01.005 Crohn's Disease of the Bone, 1982-1986
(Contains restricted material)
- 2.01.006 Drug Absorption and Metabolism, [1980-1981]
- 2.01.007 Drugs and the Liver, 1985
- 2.01.008 Dyspepsia & Diarrhea, [between 1980 and 1991]
- 2.01.009 Embryology, [between 1975 and 1991]
- 2.01.010 Gastro-Intestinal Hormones, [1982?]
- 2.01.011 Gut Hormone Syndromes, [between 1974 and 1991]
- 2.01.012 Ileal Resection, [between 1974 and 1991]
- 2.01.013 Liver Disease, [between 1974 and 1991]
- 2.01.014 Management of Peptic Ulcers, [between 1974 and 1991]
- 2.01.015 Pancreas and G.I. Hormones, [between 1974 and 1991]
- 2.01.016 Pathogenesis of fat malassimilation, [between 1974 and 1991]
- 2.01.017 Pathophysiology of Peptic Ulcers, [between 1974 and 1991]
- 2.01.018 Peptic Ulcers, [between 1985 and 1991]
- 2.01.019 Polyposis, [between 1986 and 1991]
- 2.01.020 Profound Gastric Acid Inhibition, [1990 or 1991]
- 2.01.021 Ulcers, [between 1978 and 1991]
- 2.01.022 Vasoactive Intestinal Polypeptide, 1978
- 2.01.023 Unidentified notes, [between 1974 and 1991]

3.0 Research Materials, Articles and Books, 1964-1989 *(Contains restricted material)*

3.01 Research Materials, 1964-1989 *(Contains restricted material)*

- 3.01.001 AHH Assay, 1984
- 3.01.002 AHH Assay, 1984-1985
- 3.01.003 Anthracene, 1985
- 3.01.004 Benzapyrene, 1985
- 3.01.005 Butylated Hydroxyanisole, 1969-1974
- 3.01.006 Cholecystokinin Study, 1977-1985
- 3.01.007 Coeliac Disease, 1967
- 3.01.008 Cystic Fibrosis, 1986
- 3.01.009 Diagnosis and Management of Acute Pancreatitis, [198-]
- 3.01.010 Dimethylnaphthalene Study, 1985
- 3.01.011 Foetal Haemoglobin in Mice, 1964-1977
- 3.01.012 Fusidic Acid - Induced Jaundice, 1964-1983
- 3.01.013 Glutathione Stranferase Assay, 1985-1986
- 3.01.014 GSH-T Induction in the Rat Pancreas, 1984-1986

- 3.01.015 Haemorrhaging, 1971-1984
- 3.01.016 Index Medicus: Pancreas, 1984-1986
- 3.01.017 Intestinal Resection, 1984-1985
- 3.01.018 Melanoma, 1974-1985
- 3.01.019 Monoacylglycerol Hydrolase (Hans Tornqvist), 1974-1975
- 3.01.020 Myocardial Infarction, 1989 (20 slides)
- 3.01.021 Pancreas Hypertrophy, 1986
- 3.01.022 Phenanthrene Studies, 1985
- 3.01.023 Reye's Syndrome, 1981-1987
- RESTRICTED**
- 3.01.024 Salazopyrine Induced Granulomatous Hepatitis, 1978-1987
- 3.01.025 Secretin, 1985
- 3.01.026 Symposium on Anatomy of Lymphatics, 1973-1985
- 3.01.027 Syphilis & the Liver, 1966-1980
- 3.01.028 Vipoma, 1974-1983
- RESTRICTED**

3.02 Articles, 1976-1989

- 3.02.001 1976
- 3.02.002 1977
- 3.02.003 1978
- 3.02.004 1981
- 3.02.005 1982
- 3.02.006 1983
- 3.02.007 1984
- 3.02.008 1986
- 3.02.009 1987
- 3.02.010 1989

3.03 Books, 1978

- 3.03.001 *Physiology of the Gastro-Intestinal Lymphatic System* by James Barrowman. (Cambridge: University Press, Monographs of the Physiology Society, Vol. 33, 1978) Hardcover

4.0 Photographs and Slides, [19-?-1990], [predominant, 1970-1990]

4.01 Photographs

- 4.01.001 Common bile ducts - pentagastrin control - (2 copies)
[19-] : b&w ; 10 x 15 cm ; no negative
- 4.01.002 John Hunter's experiments
[19-] : b&w ; 20 x 25 cm ; no negative
- 4.01.003 Gandhi at the time of the Round Table Conference
[19-] : b&w ; 20 x 25 cm ; no negative
- 4.01.004 Pandit Nehru
[19-] : b&w ; 20 x 25 ; no negative
- 4.01.005 Poet Rabindranath Tagore
[19-] : b&w ; 20 x 25 cm ; no negative
- 4.01.006 Absorption of Biliary Excretion of Chlorothalonil and its Metabolites in the Rat
- (2 copies)
[19-] : b&w ; 20 x 25 ; no negative
- 4.01.007 Rat pancreas in specimen trays
[19-] : col. ; 10 x 12.5 cm ; no negative

4.02 Photographs

- 4.02.001 – Unidentified photographs
4.02.041

4.03 Slides

- 4.03.001 Rat pancreas in specimen trays
[19-] : col. ; no negative
- 4.03.002 Rat pancreas in specimen trays
[19-] : col. ; no negative

4.04 Slides, Pancreatic Metabolism of Xenobiotics

- 4.04.001- Several numbered, several labeled
4.04.084

4.05 Campylobacter and Guillain-Barre Syndrome

4.05.001- 3 unnumbered slides, 90728 (12 slides), 90880 (1 slide), 90769 (3 slides)
4.05.019

4.06 Lymphatic Drainage of the Peritoneum

4.06.001- 15 unnumbered slides (last slide on the next sheet), 93780 (2 slides), 93904 (1
4.06.021 slide), 93943 (2 slides), 93838 (1 slide)

**4.07 The effect of Diaphragmatic Movement on the Absorption of Protein and
of Red Cells from the Pleural Cavity, by F.C. Courtice and Bede Morris,
(accepted for publication 1952)**

4.07.001- 12 unnumbered slides, 93780 (1 slide), 93901 (1 slide), 93943 (1 slide)
4.07.015

4.08 Experimental Cirrhosis (Study with Dr. D.N. Granger)

4.08.001- Numbered order of slides, 31, 30, 25, 3, 27, 21, 24, 19, 13, 15, 18, 1, 12, 10, 37,
4.08.019 6, 2, 36, 35

4.09 CHB Studies

4.09.001- 14 unnumbered slides, 81007 (1 slide), 73996 (1 slide), 819611 (1 slide), 81960
4.09.037 (2 slides), 82266 (1 slide), 75356 (2 slides), 84434 (1 slide), 89724 (11 slides),
93901 (1 slide), 92260 (1 slide), 89448 (1 slide)

**5.0 Essays, Experiments, Studies, Workshops, Correspondence and Papers, 1960-1993
(Contains restricted Material)**

5.01 Essays, Studies, and Experiments, 1960-1986

5.01.001 Amylase Assay, 1986
5.01.002 Pentagastrin Study, 1985
5.01.003 Experiments of Physical Chemistry of Lipids, by J. Barrowman
5.01.004 BP Induction Study, 1985
5.01.005 Effect of Cholecystectomy on Hamster Pancreas, Special Order Items, 1986

- 5.01.006 “Control”, 1986
 5.01.007 Peterson, Malcolm L., *The Transport of Fat in Man: A Study of Chylomicrons*, (Ph.D. Thesis), The Rockefeller Institute, New York, 5 May 1960

5.02 Papers and Publications, 1977-1987
(Contains restricted Material)

- 5.02.001 “Trophic Influences of Gastrointestinal Hormones on the Pancreas,” by J.A. Barrowman, 1977
 5.02.002 “Food-Associated Toxicants,” by Jennifer L. Hall, Lori A. Collins, Gwyn Barrowman, and James Barrowman, 29 September 1987
 5.02.003 Student Mid-Term test and student paper, 1985
Restricted
 5.02.004 1) A guide to the effects of unemployment on health, Appendix 7 (unknown source)
 2) Herbicides in Forestry, one page, 23 March 1987
 3) Report of the Newfoundland Medical Association Committee formed to review the medical aspects of the spruce budworm epidemic and control program, 1978
 4) Supplemental Report (1980) of the Newfoundland Medical Association Committee formed to review the medical aspects of the spruce budworm epidemic and control programme, 1980

5.03 Workshop, 1993

- 5.03.001 Indigenous Peoples and Health, Workshop (Villa Maria, Winnipeg, Canada), 1993

5.04 Notes and Correspondence, 1971-1988

- 5.04.001 Notes on general medical topics, 1971-1972
 5.04.002 Correspondence, FOY-305 (Camostate), 1988