

# Philip Edward Reid fonds

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University of British Columbia Archives



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# Fonds Description

**Philip Edward Reid fonds.** - 1956-1994.

2.53 m of textual material.

## Biographical Sketch

Philip Edward Reid was born on January 29, 1936 in Westcliff-on-sea, Essex, England. Reid obtained a BSc Honours in biological chemistry in 1957 from the University of Bristol in England. In 1959, he received a MSc in chemistry from Queen's University in Kingston Ontario, which was followed with a PhD in chemistry in 1964. Reid's main research focus was the correlative chemical and histochemical studies of the epithelial glycoproteins of the normal and diseased large and small intestine, and the development of new histochemical procedures for the examination of epithelial glycoproteins. His teaching career expanded over thirty years. In 1964 he began teaching as a Post-Doctoral Fellow in the Department of Chemistry at UBC. In 1966, Reid became Assistant Professor and MRC Scholar for the Department of Pathology. During his tenure he held many titles in the Department of Pathology, from Assistant Professor (1966-1983) to Professor (1983-1993) to Acting Head (1992-1993). He is best known as the coordinator for the distance format Bachelor of Medical Laboratory Science (BMLSc) degree program, as well as course coordinator for Pathology 300, 404, 405, and 438. Other titles that Reid has held over his career include: founder member for the Mucin Club, member of the UBC Graduate Council and Executive Committee Graduate Council, member of the curriculum committee, to name a few. In 1993, Reid was appointed as honorary member of the BCSMT.

## Scope and Content

Fonds consists of records documenting Philip Reid's activities as a professor and researcher from 1979 to 1993. Series include biographical information (1980-19900; correspondence (1977-1994); program development and course material (1978-1993); research, notes, and data (1959-1989); unpublished materials (1975-1992); and published material (1973-1993).

## Notes

File list available.

Fonds donated by Mrs. Janet Reid on October 18, 2006.

Title based on the content of the fonds.

## Series Descriptions

**Biographical Information series.** - [1950s], 1980, predominately 1989-1990.

4 cm of textual material.

Series consists of CVs, awards, and graduate school notes.

Box 1 (1-3), 10 (2)

**Correspondence series.** - 1977-1994.

9.5 cm of textual material.

Series consists of personal and professional correspondence to and from Reid, which have generally been subdivided by decade or specifically by year.

Box 1 (4-12), 10 (3)

**Program Development and Course material series.** - 1977-1994.

56 cm of textual material.

Series consists of information and correspondence pertaining the development of the BMLSc programme within the department of Pathology at UBC, as well as lecture notes and course material including syllabi, examinations, and readings from which Reid taught and/or oversaw as department Head.

Box 1 (13-32), 2, 10 (4-6)

**Research, Notes, and Data series.** - 1959-1989.

1.26 m of textual material.

Series consists of hand written notes, and scientific data (such as lab data sets) relating to various scientific research conducted by Reid. Series contains one sub-series: grant applications.

Boxes 3, 4, 5, 6, 7 (1-10), 10 (7-14)

**Grant applications sub-series.** - 1974-1989.

32 cm of textual material.

Sub-series consists of various grant application materials made out to the Medical Research Centre (MRC), the B.C. Health Care Research Foundation (BCHCRF), the Canadian Heart Foundation, and other institutions requesting funds to conduct scientific research. The materials include applications,

funding and financial information, correspondence, research proposals and reports.

Box 3

**Unpublished material series.** - 1975-1992.

48 cm of textual material.

Series consists of various drafts and proposals of papers and reports.

Box 7 (11-15), 8, 10(15, 16)

**Published material series.** - 1973-1993.

9.5 cm of textual material.

Series consists of materials such as published articles by Reid, as well as submissions and correspondence to The Histochemical Journal and other noted medical journals.

Box 9, 10 (1)

# File List

## BOX 1

### BIOGRAPHICAL INFORMATION SERIES

- 1-1 CVs. 1980, 1985, 1988, 1990
- 1-2 Awards. 1989-1990
- 1-3 School notes. [n.d.]

[Continued](#)

### CORRESPONDENCE SERIES

- 1-4 Correspondence. 1970s
- 1-5 Correspondence. 1980-1985
- 1-6 Correspondence. 1986-1988
- 1-7 Correspondence. 1989
- 1-8 Correspondence. 1990-1994
- 1-9 Submission to Mucus Symposium correspondence. 1986
- 1-10 B.C. Cancer Studentship correspondence. 1981
- 1-11 Graduate studies correspondence. 1983-1991
- 1-12 AIMLS 1985 National Scientific Meeting correspondence. 1984-1985

[Continued](#)

### PROGRAM DEVELOPMENT AND COURSE MATERIAL SERIES

- 1-13 Graduate Studies Committee minutes. 1980-1992
- 1-14 BSc Histochemistry design. 1978
- 1-15 BMLSc program (miscellaneous information). [1983-1992]
- 1-16 Health Sciences participation in UBC Open House report. 1987
- 1-17 Proposal of the operation of BMLSc degree program by distance education. 1990
- 1-18 BMLSc programme outline. 1991
- 1-19 BMLSc draft administration and policies. 1992
- 1-20 BMLSc major development and challenges. [1993]
- 1-21 BMLSc distance format statistics and planning. [199-?]

- 1-22 Department of Pathology, Graduate Studies Program, planning process. [n.d.]
- 1-23 BMLSc program information and guidelines draft. [n.d.]
- 1-24 Glycoproteins lecture materials. [197-?]
- 1-25 Chemistry 210 notes. [n.d.]
- 1-26 Seminar notes. [n.d.]
- 1-27 Miscellaneous course material.
- 1-28 Pathology course proposals. [n.d.]
- 1-29 Pathology 204 hematology study questions. [n.d.]
- 1-30 Pathology 206 histochemical techniques. [n.d.]
- 1-31 Pathology 206 - Connective tissue stains course notes. 1984-1985
- 1-32 Pathology 300 (Histology/Histochemistry) course objectives and notes. [199-?]

## BOX 2

- 2-1 Pathology 301 (Amino acids, peptides and proteins) course notes. 1980-1981
- 2-2 Pathology 301 course notes. 1980-1981
- 2-3 Pathology 301 final examinations samples. 1981
- 2-4 Pathology 301 course material. 1983-1984
- 2-5 Pathology 301 (Carbohydrates answers to study questions). 1990-1991
- 2-6 Pathology 301 unit study questions. 1990-1991
- 2-7 Pathology 301 course material. [n.d.]
- 2-8 Pathology 303 course notes. 1977, 1993
- 2-9 Pathology 375 - The immune system, course material. [n.d.]
- 2-10 Pathology 404 problem sets. 1978-1979
- 2-11 Pathology 404 tentative outline. 1982-1983
- 2-12 Pathology 404 transparencies. 1983-1984
- 2-13 Pathology 404 lecture notes. 1986-1987
- 2-14 Pathology 404 supplies and practical exercises. 1987-1988
- 2-15 Pathology 404 problem sets sample questions. 1989
- 2-16 Pathology 404 unit 3.3. transparencies. 1989-1991
- 2-17 Pathology 404 Answers booklet. 1990
- 2-18 Pathology 404 Histochemistry booklet. [1990]
- 2-19 Pathology 404 examinations and answers. 1991-1992
- 2-20 Pathology 404 unit 1 transparencies. 1990-1991
- 2-21 Pathology 404 unit 2 transparencies. 1990-1991
- 2-22 Pathology 404 unit 3.1 transparencies. 1990-1991
- 2-23 Pathology 404 unit 3.2 transparencies. 1990-1991
- 2-24 Pathology 404 unit 3.4 transparencies. 1990-1991

- 2-25 Pathology 404 unit 4.1 transparencies. 1990-1991
- 2-26 Pathology 404 unit 4.2 transparencies. 1990-1991
- 2-27 Pathology 404 unit 4.3 transparencies. 1990-1991
- 2-28 Pathology 404 unit 6 transparencies. 1990-1991
- 2-29 Pathology 404 Histochemistry course objectives and workbook. 1992
- 2-30 Pathology 404 handouts. [n.d.]
- 2-31 Pathology 404 readings. [n.d.]
- 2-32 Pathology 405 assignments. [n.d.]
- 2-33 Pathology 438 data sets and course material. 1988-1989
- 2-34 Pathology 500 course breakdown. 1984-1985
- 2-35 Pathology 502 final examination. 1987-1988
- 2-36 Pathology 502 material. 1988-1990
- 2-37 Pathology 538 course material and readings. 1988-1989
- 2-38 Pathology 548 graduate directed studies status. 1989
- 2-39 Miscellaneous course material. [n.d.]

[Continued](#)

## BOX 3

### RESEARCH, NOTES, AND DATA SERIES

#### Grant applications sub-series

- 3-1 MRC grant applications. 1974-1980
- 3-2 Canadian Heart Foundations grant applications. 1975, 1977-1978
- 3-3 MRC progress reports. 1979
- 3-4 Grant - O-acetyl transferases in human colonic epithelium. 1979
- 3-5 Natural, Applied & Health Sciences grant applications. [197-?]
- 3-6 Grant (BCHCRF) - O-acetyl transferases of colonic epithelial cells in health and disease. 1979-1980
- 3-7 B.C. Health Care Research Foundation (BCHCRF) grant applications. 1980
- 3-8 Grant (BCHCRF) - Chemical and histochemical changes in colonic epithelial glycoproteins in DMH. 1980
- 3-9 Grant (MRC) - Chemistry and histochemistry of the glycoproteins of the GI tract. 1982
- 3-10 Grant - Faecal glycosidases in ulcerative colitis. 1984
- 3-11 Grant (MRC) - Application and development of histochemical probes for carbohydrate prosthetic groups of epithelial glycoproteins. 1984



- 3-12 Grant (NCIC) - Epithelial glycoproteins changes in mucosa close to and remote from human colonic tumors. 1984
- 3-13 Grant - Histochemical probes for carbohydrate prosthetic groups of epithelial glycoproteins. 1984
- 3-14 Grant - Rats Reserpine Model of Cystic Fibrosis. 1985
- 3-15 Grant (BCHCRF) - Significance of changes in epithelial glycoproteins in colonic cancer. 1985
- 3-16 Grant - Development and Application of Histochemical probes for Epithelial. 1985-1986
- 3-17 Canadian Cystic Fibrosis Foundation grant renewal report. 1986
- 3-18 Grant - Histochemical Process for Epithelial Glycoproteins. 1987
- 3-19 Grant (MRC) - Histochemical analysis of glycoproteins. 1987
- 3-20 Grant (BCHCRF) - Significance of changes in epithelial glycoproteins close to colonic tumors. 1988
- 3-21 Grant (MRC) - O-acyl sugars in epithelial glycoproteins. 1988
- 3-22 Grant - Colonic epithelial glycoproteins from maturation to senescence. 1988
- 3-23 Canadian Heart Foundation grant applications. 1988-1989
- 3-24 Histopathology research and grant application. [198-?]
- 3-25 Grant application drafts and progress reports. [n.d.]
- 3-26, 27 Miscellaneous grant applications. [n.d.] (2 files)

#### BOX 4

- 4-1 Analytical methods clinical, Chemistry, Biochemistry of Disease notes. 1962
- 4-2 Projects. 1979-1980
- 4-3 Histo lab prices and services. 1980
- 4-4 Sialic acid histochemistry research. 1981-1982
- 4-5 GI glycoproteins and SI colon research. 1984
- 4-6 Histochemical studies of human colonic tumours research. 1985-1986
- 4-7 BCHCRF colon specimens tissue diagrams (cancer and autopsy). 1987
- 4-8 Age studies (specimen inquiries). 1989
- 4-9, 10 Surgical Pathology reports (BCHCRF). [198-?]
- 4-11 Carbohydrate notes. [n.d.]
- 4-12 Design review [histochemical studies of epithelial cell glycoproteins]. [n.d.]
- 4-13 Effect of autolytic processes on percentage substitution at G/C8. [n.d.]
- 4-14 Epithelial glycoproteins notes. [n.d.]
- 4-15 Esterification (methylation) research notes. [n.d.]
- 4-16 Histochemical research notes and articles. [n.d.]
- 4-17 Mechanism of the VanGieson procedure notes and data. [n.d.]
- 4-18, 19 Notes. [n.d.]

- 4-20 Research on VanGieson. [n.d.]
- 4-21 Research references index cards. [n.d.]
- 4-22, 23 Research notes. [n.d.] (2 files)
- 4-24 Research procedures. [n.d.]
- 4-25 Sialic acids histochemistry and chemistry notes. [n.d.]
- 4-26 Summary of investigations of human colonic epithelial glycoproteins. [n.d.]

#### Data Sets

- 4-27, 28 Faecal enzyme studies summary and data sets. 1979 (2 files)
- 4-29 Sialic acids data sets. [1980]
- 4-30 Status of histochemical study of tumors data sets. 1980

#### BOX 5

- 5-1 BC Cancer Foundation research data sets. 1980
- 5-2 BCHCRF Age study raw data and observations. 1987-1988
- 5-3 BCHCRF Age study annual report and data sets. 1988
- 5-4 Neuraminidase experience data sets. 1987
- 5-5 Cancer data sets. [n.d.]
- 5-6 Cancer vs. disease data sets. [n.d.]
- 5-7 Colon disease data sets. [n.d.]
- 5-8 Colon disease data sets and diagrams. [n.d.]
- 5-9/13 Crohn's disease data sets. [n.d.]
- 5-14/27 Data sets. [n.d.]
- 5-28 Data sets and procedures. [n.d.]
- 5-29 Data sets (descending and ascending colons). [n.d.]
- 5-30 Data sets from rabbit colon. [n.d.]
- 5-31 Elizabeth's data sets. [n.d.]

#### BOX 6

- 6-1, 2 Epithelial glycoproteins data sets. [n.d.] (2 files)
- 6-3 Focal changes on descending colon data sets. [n.d.]
- 6-4 Formazan data sets. [n.d.]
- 6-5 Miscellaneous research and data sets. [n.d.]
- 6-6 Perianal pagets data and notes. [n.d.]
- 6-7 Phenyl hydrazine data sets. [n.d.]
- 6-8 O-acyl sugar data. [n.d.]
- 6-9 Rat colitis study (data sets and progress reports). [n.d.]

- 6-10 Summary diseases and cancer, field and faecal data sets. [n.d.]
- 6-11 Data notebook. 1959
- 6-12 Data notebook. 1960
- 6-13 Data notebook I. 1962
- 6-14 Data notebook II. 1962
- 6-15 Data notebook. 1964
- 6-16 Data notebook. 1979
- 6-17 Data notebook. 1980
- 6-18 Data notebook. 1986
- 6-19 Analysis procedures notebook. [n.d.]

## BOX 7

### RESEARCH, NOTES, AND DATA SERIES (continued)

#### Slides and photographs

- 7-1 Slides notes. [n.d.]
- 7-2/4 Slides of rat livers and kidneys. [n.d.] (3 files)
- 7-5 Slides of rat and human colons. [n.d.]
- 7-6 Slides of the human colon. [n.d.]
- 7-7 Slides of rat and rabbits colons. [n.d.]
- 7-8, 9 Miscellaneous slides. [n.d.]
- 7-10 Neuraminidase photographs. 1987

#### [Continued](#)

### UNPUBLISHED SERIES

- 7-11/15 Miscellaneous paper drafts (3 files) [1975-1990]

## BOX 8

- 8-1 MRC reports. 1976, 1979
- 8-2 Chemical investigations of histochemical reactions, research proposals. 1977
- 8-3 Cell injury and cell death draft paper. [1978]
- 8-4 Draft report on chemistry and histochemistry of the epithelial glycoproteins. 1979

- 8-5 Chemical and histochemical studies of normal and diseased human gastrointestinal tract. [1984]
- 8-6 Draft paper on histochemical qualitative analysis. 1985
- 8-7 Histochemical paper drafts on epithelial glycoproteins. [1985-1986]
- 8-8 BCHCRF draft report on significance of changes in epithelial glycoproteins close to colonic tumors. 1988
- 8-9 Draft paper on carbohydrate histochemistry of epithelial glycoproteins. 1989
- 8-10 Histochemistry laboratory manual draft. 1989
- 8-11, 12 Textbook draft (Carbohydrate histochemical of epithelial glycoproteins). 1989
- 8-13 Histochemistry as a tool (chapter drafts). 1989
- 8-14 Draft paper on histochemical identification of 9-O-acetyl sialic acids. 1990
- 8-15 Draft paper on when should histochemistry be used to solve biological problems. 1992
- 8-16 Draft paper on connective tissue procedures II trichrome procedures. 1992
- 8-17 VanGieson paper draft. 1992
- 8-18 Histochemical classifications paper draft. [n.d.]
- 8-19 Draft paper on new method for histochemical demonstration of o-acetyl sugars. [n.d.]
- 8-20 Draft report on the chemistry and biology of o-acetyl sialic acids. [n.d.]
- 8-21 Draft paper on sugar semi carbazone hydroxyl thiosemicarbazones. [n.d.]
- 8-22 Glycoproteins draft paper. [n.d.]
- 8-23 Miscellaneous speeches. 1993, [n.d.]

[Continued](#)

## BOX 9

### PUBLISHED MATERIAL SERIES

- 9-1 Editorial comments. [1980s]
- 9-2 The Histochemical Journal referee reports. 1986-1989
- 9-3 Histochemistry & Cytochemistry journal edits. 1990
- 9-4 The Histochemical Journal submissions and correspondence. 1983, 1985-1987
- 9-5 The Histochemical Journal submissions and correspondence. 1988
- 9-6 The Histochemical Journal submissions and correspondence. 1989
- 9-7 The Histochemical Journal submissions and correspondence. 1992
- 9-8 1973  
Saponification-induced increase in the periodic acid-schiff reaction in the gastrointestinal tract: mechanism and distribution of the reactive substance.

- 9-9 1974  
The histochemical demonstration of O-acetylated sialic acid in gastrointestinal mucins: their association with the potassium hydroxide-periodic acid-schiff effect.
- 9-10 1975  
Differences in chemical composition between the epithelial glycoproteins of the upper and lower halves of rat colon.
- 9-11 1976  
The use of a transesterification technique to distinguish between certain neuraminidase resistant epithelial mucins.
- 9-12 1977  
A method for the simultaneous estimation of free and ketosidically bound sialic acids.  
A new histochemical technique of use in the interpretation and diagnosis of adenocarcinoma and villous lesions in the large intestine.  
The apparent failure of sodium borohydride reduction to block further PAS reactivity in rat epithelial mucins.
- 9-13 1978  
A correlative chemical and histochemical study of the O-acetylated sialic acids of human colonic epithelial glycoproteins in formalin fixed paraffin embedded tissues.  
A histochemical method for the identification of 9-O-Acyl sialic acids: an investigation of bovine submaxillary gland and intestinal mucins.
- 9-14 1980  
Differences between the O-acetylated sialic acids of the epithelial mucins of human colonic tumors and normal controls: a correlative chemical and histochemical study.  
Specific techniques for the identification of O-acetylated sialic acids in colonic mucins.  
The periodate oxidation of carbohydrates in relation to the PAS reaction.
- 9-15 1981  
Carbohydrate markers in the lower gastro-intestinal tract.  
The relevance of the histochemistry of colonic mucins based upon their PAS reactivity.
- 9-16 1982  
Removal of O-acetylated sialic acids from rat colonic epithelial glycoproteins by cell-free extracts of rat faeces.
- 9-17 1984  
Chemical and histochemical studies of normal and diseased human gastrointestinal tract. I.

- A comparison between histologically normal colon, colonic tumors, ulcerative colitis and diverticular disease of the colon.
- Histochemical identification of side chain substituted O-acylated sialic acids: The PAT-KOH-Bh-PAS and the PAPT-KOH-Bh-PAS procedures.
- Histochemical studies of the mechanism of the periodic acid-phenylhydrazine-Schiff (PAPS) procedure.
- 9-18 1985
- Chemical and histochemical studies of normal and diseased human gastrointestinal tract.
- Chemical and histochemical studies of normal and diseased human gastrointestinal tract. IV.
- A comparison of histochemical and chemical methods for the estimation of side chain O-acylated sialic acids.
- Chemical and histochemical studies of normal and diseased human gastrointestinal tract. V.
- A differential diagnostic method for the histochemical classification of glycoproteins.
- Histochemical procedures for the simultaneous visualization of sialic acid, its side chain O-acyl variants and O-sulphate ester.
- 9-19 1986
- Can "mild" periodate oxidation be used for the specific histochemical identification of sialic acid residues?
- Comparative studies on the cell walls of sexual and asexual bangia atropurpurea(rhodophyta). II. Electrophoretic patterns of polysaccharides.
- 9-20 1987
- A new histochemical method for the selective periodate oxidation of total tissue sialic acids.
- A simple, practical "swiss roll" method of preparing tissues for paraffin or methacrylate embedding.
- Histochemical procedures for the simultaneous visualization of neutral sugars and either sialic acid and its side chain O-acyl variants and O-sulphate ester. I. Methods based upon the selective periodate oxidation of sialic acids.
- Histochemical procedures for the simultaneous visualization of neutral sugars and either sialic acid and its side chain O-acyl variants and O-sulphate ester. II. Methods based upon acid-phenylhydrazine-Schiff reaction.
- Histochemical studies of epithelial cell glycoproteins in normal rat colon.
- Methods for the identification of side chain O-acyl substituted sialic acids and for the simultaneous visualization of sialic acid, its side chain O-acyl variants and O-sulphate ester.

- Morphological and histochemical changes in intestinal mucosa in the reserpine-treated rat model of cystic fibrosis.
- 9-21 1988  
A new method for the histochemical demonstration of O-acyl sugars in human colonic epithelial glycoproteins.  
Histochemical studies of the colonic epithelial glycoproteins of the normal rabbit.  
Applications of the selective periodate oxidation of sialic acids III.  
Identification of neuraminidase-sensitive and neuraminidase-resistant sialic acids and their side chain O-acyl variants.  
Some comments on the mechanism of the periodic acid-Schiff-Alcian Blue method.
- 9-22 1989  
Histochemical changes in cervical mucus-secreting epithelium during the normal menstrual cycle.  
Histochemical studies of intestinal epithelial goblet cell glycoproteins during the development of the human foetus.
- 9-23 1991  
Histochemical identification of 9-O-acyl sialic acids: studies of bovine submandibular and rat sublingual gland and human colon.  
Whither histology? A proposal for educational reform.
- 9-24 1992  
How to choose a staining method.
- 9-25 1993  
Mechanism of connective tissue techniques. I. The effect of dye concentration and staining time on anionic dye procedures.
- 9-26 No date  
The histochemical assessment of sulphated and non-sulphated sialomucin in intestinal epithelium.  
How to design histochemical staining sequences.

#### BOX 10

- 10-1 Reprints 1986-88

#### BIOGRAPHICAL INFORMATION SERIES (continued)

- 10-2 Biological Chemistry - stage III part II 1956

## CORRESPONDENCE SERIES (continued)

10-3        [sabbatical - University of Dundee] 1987-88

## PROGRAM DEVELOPMENT AND COURSE MATERIAL SERIES (continued)

10-4        [Pathology 404] 1986  
10-5        Corrections for Path 405 1993  
10-6        Pathology 405 (002) 1985-94

## RESEARCH, NOTES, AND DATA SERIES (continued)

10-7        Chemical investigations of histochemical reactions - a series of research proposals 1977  
10-8        [cystic fibrosis] 1984-85  
10-9        CF Grant to Apr. '85 1985  
10-10       CF grant 1986  
10-11       Outlines of Mini Reviews 1991  
10-12       [histochemistry notes] [n.d.]  
10-13       [histochemistry notes] [n.d.]  
10-14       Computer Analysis 1986

## UNPUBLISHED SERIES (continued)

10-15       [Miscellaneous paper drafts] [n.d.]  
10-16       [Miscellaneous paper drafts] [n.d.]