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Supplementary catalogue of the papers and
correspondence of

Sir Frank George Young FRS

(1908 - 1988)

by Simon Coleman and Caroline Thibaud
NCUACS catalogue 140/5/05 (Supplement)

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Title: Catalogue of the papers and correspondence of Sir Frank
George Young FRS (1908-1988), biochemist

Compiled by: Simon Coleman and Caroline Thibaud

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GENERAL INTRODUCTION

PROVENANCE

The papers were received from Cambridge University Library in the summer of 2005.

OUTLINE OF THE CAREER OF F.G. YOUNG

For an outline of Young's career see *Biographical Memoirs of the Royal Society* 38 (1990) and NCUACS catalogue 97/2/01.

DESCRIPTION OF THE COLLECTION

This catalogue of F.G. Young papers is a supplement to that compiled in 2001 (NCUACS 97/2/01). The material is presented in the order given in the List of Contents. It covers the period 1948-1988.

Section A, Biographical, includes material relating to honours and awards and a few photographs of Young.

Section B, University of Cambridge, chiefly comprises teaching material, 1952-1971, including Young's lecture notes. There are also some general papers relating to the Department of Biochemistry and some very brief documentation of Darwin College business.

Section C, Publications, covers the period 1965-1984, and consists of drafts of 1960s papers on growth hormone and some biographical writings on A.C. Frazer and C.H. Best. Included are drafts of Young's (with G.N. Hales) memoir of Best for *Biographical Memoirs of Fellows of the Royal Society*.

Section D, Lectures and broadcasts, includes lectures, 1948-1968. Included are drafts for a series of 1948 lectures on hormones (details unknown) and other lectures on hormones delivered in Britain and abroad. The broadcasting material relates only to a radio talk (1960) by Young on scientific discoveries and how science is viewed by the public.

Section E, Societies and organisations, is slight. Significant documentation exists for the Medical Research Council and the Nestle Foundation only.

Section F, Correspondence, chiefly consists of general correspondence 1955-1988, a large proportion of which is personal correspondence with friends and colleagues. There is a group of Young's correspondence with Sir Henry McDowell, former Chancellor of the University of Rhodesia, relating to the new University of Zimbabwe. Some further brief correspondence concerns refereeing and sales of Young's books.

Section G, Non-textual material, consists only of a box of various slides.

There is also an index of correspondents.

Simon Coleman
Bath, 2005

SECTION A	BIOGRAPHICAL, A.1-A.8	1949-1983, nd
A.1-A.2	Honours and awards	1949-1983
A.1	Election to the Fellowship of the Royal Society. Notification.	1949
A.2	Upjohn Award of the Endocrine Society. Certificate with typescript of introductory speech (speaker unknown) on the presentation of the award. For drafts of Young's Upjohn Lecture delivered at this Endocrine Society annual meeting see D.19.	1963
A.3-A.5	Photographs	1978, nd
A.3	Four black and white photographs, three featuring Young. Three are inscribed 'Morst, Switzerland 29.4.78' ; the other 'Museum at Avenches, Switzerland 29.4.78'.	1978
A.4	Colour photograph featuring Young in a group, location unknown.	Nd
A.5	Two black and white photographs. One of a group at a meeting, apparently not featuring Young. The other of C.H. Best and an unidentified individual.	Nd
A.6	Brief financial statements in Young's hand.	1981-1983
A.7	Book containing signatures of colleagues in the Department of Biochemistry, University of Cambridge, probably presented on Young's retirement as Sir William Dunn Professor of Biochemistry. An inscription inside the cover indicates that it was	1975

Biographical

presented in September 1975.

A.8

Newspaper cuttings.

1966-1968

These chiefly relate to university education.

SECTION B	UNIVERSITY OF CAMBRIDGE, B.1-B.21	1952-1974
	B.1-B.14 LECTURES AND TEACHING	
	B.15-B.20 DEPARTMENT OF BIOCHEMISTRY	
	B.21 DARWIN COLLEGE	
B.1-B.14	LECTURES AND TEACHING	1952-1971
B.1-B.6	'Part I Lectures. Hormones & coordination. a) old texts b) old slides & sheets', contents of a paper folder so inscribed. Various manuscript and typescript drafts entitled as follows:	1952-1959
B.1	'Part I Lecture March 1952. Whole animals and hormone coordination (1)'. 16pp typescript draft with manuscript revisions.	1952
B.2	'Part I Lecture March 1952. Whole animals and hormone coordination (2)'. 16pp typescript.	1952
B.3	Various manuscript notes for lectures headed 'Part I 1957 & 1958' and 'Part I Lect 1 1958'.	1957-1958
B.4-B.5	'Part I Lectures'. Two lectures entitled 'Regulation of metabolism by hormones'. Two typescript drafts (29pp and 33pp) with manuscript revisions, dated 25 and 28 April 1959 respectively; manuscript lists of slides. 2 folders.	1959
B.6	Miscellaneous data, figures etc.	

University of Cambridge

B.7-B.9	'Ref sheets etc', contents of a file so inscribed. Typescript papers relating to courses taught in the Department of Biochemistry. 3 folders.	c.1966-1961
B.10-B.11	'Part 1B Lectures April 1971', contents of a file so inscribed. Manuscript notes for lectures and typescript course papers. 2 folders.	1971
B.12-B.13	'Part 1A Lectures May 1971', contents of a file so inscribed. Chiefly manuscript notes for lectures. 2 folders.	1971
B.14	Miscellaneous papers re courses and lectures. Chiefly typescript.	c.1957-1971
B.15-B.20	DEPARTMENT OF BIOCHEMISTRY	1956-1974
B.15-B.17	'Biochemistry Research Account', contents of a file so inscribed. Correspondence etc re financial matters. 3 folders.	1956-1970
B.18	Annual reports by research staff in the Department of Biochemistry. Typescript reports for the academic year 1965-1966.	1966

University of Cambridge

B.19	50th Anniversary of the opening of the Sir William Dunn Institute of Biochemistry, 9 May 1974.	1974
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Young, as Professor of Biochemistry, presided.

Printed booklet of speeches made at the occasion,
including Young's introductory speech.

B.20	Miscellaneous papers relating to staff matters.	1969-1972
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B.21	DARWIN COLLEGE	1969-1972
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Brief papers and correspondence re general college
business.

SECTION C	PUBLICATIONS, C.1-C.11	1965-1984
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Arranged chronologically.

- C.1 'An in vitro action of human growth hormone in the presence of Actinomycin D', with T.E. Martin, *Nature* 208, 1965.

7pp typescript with figures.

- C.2-C.3 'G.H. Milan Sept 1967', contents of a file so inscribed.

- C.2 'Growth hormone and carbohydrate metabolism in vitro', with G. Bolodia, *Biblog.* 1, no. 153 (1967) (see NCUACS 97/2/01, D.21).

3pp typescript, with manuscript revisions, and figures etc.

- C.3 'The effect of growth hormone on carbohydrate metabolism'.

7pp typescript so entitled, inscribed 'Bolodia's draft for [illegible word] talk'; typescript tables of experimental results.

- C.4 'Insulin and the action of growth hormone', in *Proceedings of the International Symposium, Milan*, ed. A. Percile and E.E. Muller, *Excerpta Medica* 1968.

8pp typescript entitled as above, also inscribed 'September 1967'.

- C.5-C.6 Notice for A.C. Frazer (pharmacologist and food scientist), *Dictionary of National Biography, Supplement 1961-1970*, Oxford University Press 1981.

Manuscript and typescript drafts of the notice and correspondence re its preparation and publication (1979).

2 folders.

- C.7-C.10 Biographical writings on C.H. Best FRS.

Publications

- C.7-C.9 'Charles Herbert Best', with C.N. Hales, *Biographical Memoirs of Fellows of the Royal Society* 28, 1982.
- C.7-C.8 Various incomplete typescript drafts with several manuscript pages.
- This material was found in a heavily disarranged state and re-arrangement was not possible.
- 2 folders.
- C.9 52pp typescript, revised from the drafts in C.7 and C.8.
- C.10 Intended notice for Best for *Dictionary of National Biography*, Supplement 1971-1980.
- No evidence of publication was found.
- Various manuscript drafts, most crossed through, with a draft of a letter to the editor of the *Dictionary of National Biography* Supplement.
- C.11 Review of 'The Discovery of Insulin' by Michael Bliss in *JDF News Bulletin* XXIX, 1984.
- Various incomplete manuscript drafts.

SECTION D	LECTURES AND BROADCAST, D.1-D.24	1948-1969, nd
	D.1-D.23 LECTURES	
	D.24 BROADCAST	
D.1-D.23	LECTURES	1948-1969, nd
D.1-D.8	Hormone lectures 1948', contents of a file so inscribed. The following drafts are paginated roughly in one continuous sequence. The titles of the individual lectures, where known from the drafts, are given.	1948
D.1	'The Hormones, 1948, 'Lecture I. Introduction'. 10pp manuscript draft.	
D.2	'Lecture II. Pars Anterior of the Pituitary'. 9pp manuscript draft.	
D.3	'The Thyroid Hormone [Lecture III]'. 15pp manuscript draft.	
D.4	'Lecture IV. Antihormones'. 5pp manuscript draft, possibly incomplete.	
D.5	'The Adrenal Cortex [Lecture V]'. 14pp manuscript draft.	

Lectures and broadcast

D.6	<p>'The Sex Hormones [Lecture VI]'; Lecture VII.</p> <p>[722pp] manuscript draft.</p> <p>It is unclear where Lecture VI ends and Lecture VII begins. There is a reference to 'Lecture VII' on the sheet numbered '67' but the title is not given. It is possible that the title is 'Gonadotrophic hormones of the anterior pituitary', a heading on the sheet numbered '67'.</p>	
D.7	<p>'Lecture VIII. Hormones and the menstrual cycle'.</p> <p>10pp manuscript draft.</p>	
D.8	<p>A few typescript pages relating to the lectures.</p>	
D.8A	<p>'The growth hormone and carbohydrate metabolism', Ciba conference, 12 July 1951.</p> <p>7pp typescript draft of a lecture (published version).</p>	1951
D.9-D.10	<p>Contents of an unmarked file.</p>	1958
D.9	<p>2pp typescript draft of an introductory speech entitled 'B.I.M. [British Insulin Manufacturers] Symposium, London, 9-10 September 1958'.</p>	
D.10	<p>Manuscript and typescript experimental data and notes; figures.</p>	
D.11-D.15	<p>'UCL lectures Jan / Feb 1959', contents of a file so inscribed.</p> <p>A series of three lectures by Young under the title of 'Hormones and Metabolic Processes' delivered at University College London. The titles of the individual lectures are given below.</p>	1959

Lectures and broadcast

- D.11 Lecture 1: 'General Considerations'.

37pp typescript draft, with manuscript revisions and
inserts, and manuscript list of slides.

The date '22.1.59' is inscribed on the first page.

- D.12 Lecture 2: 'Pancreatic Hormones'.

40pp typescript draft, with manuscript revisions and
insert, and manuscript list of slides; four additional
typescript draft pages found separated from the main
draft.

- D.13 Lecture 3: 'Anterior Pituitary Hormones'.

48pp typescript draft, with manuscript revisions, and list
of slides.

- D.14 'The Rise of Biochemistry between 1800 and 1900'. nd

25pp typescript draft by Young, so entitled, with
manuscript revisions. Included are bibliographic
references.

The relation of this [?published] paper to the lectures in
D.11-D.13 is unclear.

- D.15 Figures.

- D.16-D.18 Lectures delivered in Spain, March 1963. 1963

The following drafts are all inscribed 'March 1963' on the
first page. The titles of the lectures are given below.

Lectures and broadcast

- | | | |
|------|---|------|
| D.16 | <p>'On Insulin and its Action'.</p> <p>28pp typescript draft with manuscript revisions; another typescript draft (incomplete), with manuscript revisions, inscribed 'Madrid' on the front page; manuscript list of slides inscribed 'Madrid' and 'Salamanca'.</p> | |
| D.17 | <p>'The Aetiology of Diabetes'.</p> <p>31pp typescript draft, with manuscript revisions, and manuscript list of slides inscribed 'Madrid'.</p> | |
| D.18 | <p>'The Hormonal Control'.</p> <p>32pp typescript draft, with manuscript revisions, and manuscript list of slides inscribed 'Madrid'.</p> | |
| D.19 | <p>'Insulin and insulin-antagonism', Upjohn Lecture, Annual Meeting of the Endocrine Society, June 1963.</p> <p>Two typescript drafts, so entitled, with manuscript revisions, including bibliographic references.</p> | 1963 |
| D.20 | <p>'One hundred and fifty years of biochemistry. A paper delivered to Eranus by F.G. Young on the 19 November 1963'.</p> <p>30pp typescript draft, with manuscript revisions, so entitled.</p> | 1963 |
| D.21 | <p>'Pituitary Growth Hormone'.</p> <p>6pp manuscript notes so entitled on first page. The first page is also inscribed 'Cape Town 9.7.68'.</p> <p>The notes are inside a folded piece of paper inscribed 'GH [Growth Hormone] & Diabetes Cape Town 9.7.68 Kuala Lumpur 6.9.68'.</p> | 1968 |

Lectures and broadcast

D.22	'Chairman's speech at Ciba Foundation Symposium dinner in New Delhi...20.3.69'.	1969
	3pp typescript so entitled.	
D.23	Figures etc, contents of a file inscribed 'Current slides'.	Nid
D.24	BROADCAST	1960
	'Talk recorded for "Speaking Generally" on 25.11.60'.	1960
	4pp typescript of a radio broadcast so entitled.	
	The talk seems to have been recorded sometime during Young's lecture tour of September to December 1960. This tour included visits to Australia, the Far East and the Indian sub-continent. In the talk Young discusses scientific discoveries and the public perception of science.	

SECTION E

SOCIETIES AND ORGANISATIONS, E.1-E.12

1966-1988

E.1 THE CARPHOLOGISTS

E.2 GENERAL MEDICAL COUNCIL

E.3 MARK TWAIN SOCIETY

E.4-E.7 MEDICAL RESEARCH COUNCIL

E.8-E.11 NESTLE FOUNDATION

E.12 NUFFIELD FOUNDATION

Societies and organisations

E.1	THE CARPHOLOGISTS	1968
	A few papers concerning meetings. See NCUACS 97/2/01.	
E.2	GENERAL MEDICAL COUNCIL	1970
	Paper re registration.	
E.3	MARK TWAIN SOCIETY	1977
	Letter to Young informing him of his election as an Honorary Member of the Society, with copies of two letters by Sir Alexander Fleming to the editor of the 'Mark Twain Journal' (1944, 1949).	
E.4-E.7	MEDICAL RESEARCH COUNCIL	1966-1983
E.4	Application for research funding.	1966
E.5-E.7	MRC Dunn Nutrition Unit. Young was a member of the Unit's Ethical Committee.	1961-1983
E.5	Papers re meetings of the Committee.	1982-1983
E.6-E.7	Research project submissions to the Ethical Committee. 2 folders.	1981-1983

Societies and organisations

E.8-E.11

NESTLE FOUNDATION

1971-1980

Young appears to have been a member of the Foundation's Council.

Correspondence re Council business, chiefly between Young and successive Presidents of the Foundation, and various papers.

4 folders.

E.12

NUFFIELD FOUNDATION

1968

Progress report on the teaching of physical science headed 'Nuffield Science Teaching Project'.

SECTION F	CORRESPONDENCE, F.1-F.45	1955-1988, nd
	F.1-F.36 GENERAL CORRESPONDENCE	
	F.37-F.42 SIR HENRY McDOWELL	
	F.43 REFEREEING	
	F.44-F.45 SALES OF BOOKS	
F.1-F.36	GENERAL CORRESPONDENCE	1955-1988, nd
	A large proportion of the correspondence is personal, while general professional matters are also covered. The correspondents chiefly comprise colleagues and friends.	
F.1-F.4	'Personal letters pending', contents of a file so inscribed. 4 folders.	1972-1979
F.5-F.7	'Letters which have been answered (or do not need answering)', contents of a file so inscribed. Chiefly personal correspondence. 3 folders.	1975-1978
F.8-F.19	'For filing', contents of two files so inscribed. The files were also inscribed '1' and '2' and have been described separately below.	1975-1980, nd

Correspondence

F.8-F.13	File '1'. Almost all the letters are dated 1979. 6 folders.	1975-1979
F.14-F.19	File '2'. Chiefly 1979. 6 folders.	1975-1980, nd
F.20-F.21	'My letters awaiting reply from others', contents of a file so inscribed. Chiefly personal correspondence. 2 folders.	1981-1988
F.22	'Urgent', contents of a file so inscribed.	1982-1988
F.23-F.35	Miscellaneous correspondence. Included are drafts etc of scientific papers by others.	1955-1987, nd
F.23-F.28	1955-1968. 6 folders.	
F.29-F.35	1969-1987, nd. 7 folders.	
F.36	Lists of correspondents. In Young's hand.	1977-1986

Correspondence

F.37-F.42	SIR HENRY McDOWELL	1960-1964
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McDowell was the former Chancellor of the University of Rhodesia.

Correspondence chiefly re the affairs of the new University of Zimbabwe and personal matters.

6 folders.

F.43	REFEREEING	1971-1976
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Correspondence and papers re Young's refereeing for Sc.D degrees.

F.44-F.45	SALES OF BOOKS	1961-1965
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Correspondence etc, chiefly letters to Young from booksellers seeking to purchase scientific journals etc.

2 folders.

SECTION G

NON-TEXTUAL MATERIAL

Nd

Slides.

Some of the containers have manuscript inscriptions as follows:

'Metahypophysical diabetes etc'; 'Oxygenated serum etc
panc inhibitor'; 'Plasma insulin O₂ N₂ etc'; 'Misc. exptl [?]
metab - dogs etc'.

1 box.

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