

THE ROYAL SOCIETY

THE ROYAL COMMISSION ON HISTORICAL MANUSCRIPTS

Committee on Scientific and Technological Records

CONTEMPORARY SCIENTIFIC ARCHIVES CENTRE

Papers of

PROFESSOR GEOFFREY W. HARRIS, C.B.E., F.R.S.

(1913 - 1971)

Listed by: Jeannine Alton

Harriot Weiskittel

Deposited in the Bodleian Library, Oxford

1973

Description of the collection.

The papers cover the years 1913 - 1971.

The extensive laboratory notebooks cover the whole of Harris's career. Much correspondence was destroyed by Harris when he moved from the Maudsley Hospital to Oxford in 1962.

A considerable amount of experimental observations and laboratory material, including photographs and slides, remains in the Department of Anatomy, Oxford, pending selection by former colleagues of Harris. (See list on p. 9)

Material relating to the running of the Department of Anatomy has been offered to the Keeper of the Archives, Oxford University. Publications of historical interest relating to the Quatercentenary of Vesalius have been accepted by Dr. C. Webster for the Wellcome Unit of the History of Medicine. Back issues of medical journals have been given to the Radcliffe Science Library. Professor Bernard Donovan accepted Harris's collection of reprints for the Maudsley Hospital. Case-notes have been returned to Professor Sir John Stallworthy, John Radcliffe Hospital, and to Dr. T.D.R. Hockaday, Radcliffe Infirmary.

Harris's experimental apparatus is to be deposited in the Wellcome Historical Medical Museum.

Unless otherwise stated, all notebooks, lectures and working papers are manuscript.

Summary of the career of Professor Harris.

b. 1913

- 1927 - 31 Dulwich College
- 1932 - 39 Emmanuel College, Cambridge. M.A., M.B., B.Chir.
- 1936 Married Georgina Mary Birnie (marriage dissolved 1951)
- 1936 - 40 Clinical training, St. Mary's Hospital, London
- 1939 Hillington County Hospital
- 1940 - 47 Demonstrator in Anatomy, Cambridge
- 1944 M.D. Cambridge
- 1947 - 48 Lecturer in Anatomy, Cambridge
Lecturer in Physiology, Cambridge
- 1951 Married Margaret O'Kane
- 1952 - 62 Laboratory of Experimental Neuroendocrinology, Maudsley Hospital, London; Senior Lecturer in Physiology, University of London
- 1953 Fellow of the Royal Society
- 1962 - 71 Dr. Lee's Professor of Anatomy, Oxford

1962 - 71 (cont.) Professorial Fellow, Hertford College; D.M., Oxford.

1965 C.B.E.

1971 Dale Medal, Society for Endocrinology

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Handlist

I. Biographical material

1. Memoir, by Marthe Vogt. (Biographical Memoirs of Fellows of the Royal Society, Vol. 18, 1972)
2. Family letters from father, 1913 - 14, 1932 - 39;
from grandfather, 1940
3. Correspondence re early career; includes certificates, St. Mary's 1940 - 51
Hospital.
- 3a Correspondence re offers from University of California and 1956 - 69
Stanford Medical Schools.
4. Appointment to Oxford Chair; correspondence, newspaper cuttings, 1960 - 62
incorporation of degree.
- 4a Appointment as Consultant, Littlemore Hospital. 1961
5. Letters of congratulation on Oxford Chair.
- 5a Text of Address by Harris at Memorial Service to Sir Wilfrid 1971
Le Gros Clark
6. Election to Royal Society; newspaper cuttings, letters of 1953
congratulation, etc.

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|--|-----------|
| 7. Correspondence <u>re</u> honours. (Detailed list on file) | 1962 - 70 |
| 8. Correspondence <u>re</u> children | 1961 - 71 |
| 9. Correspondence <u>re</u> non-scientific interests | 1962 - 70 |
| 9a Address by Professor A.G.M. Weddell at Harris's Memorial Service, 29 January 1972 | 1972 |
| 10. Group photograph of Zurich Conference | 1938 |
| 11. Photographs of Harris in laboratory | |
| 12. Diaries | 1952 - 61 |
| 13. Diaries | 1962 - 71 |

II. Laboratory Notebooks.

14 - 32 Notebooks numbered 1 - 19 by Harris.

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|-----|---|-----------|
| 1. | 1935 | |
| 2. | 1935 | |
| 3. | 1936 | |
| 4. | 1937, 1940 | |
| 5. | 1941 - 43 | |
| 6. | 1943 - 47 | |
| 7. | 1947 - 49 | |
| 8. | 1948 - 50 | |
| 9. | 1950 | |
| 10. | 1950 - 53 | |
| 11. | 1953 | |
| 12. | 1953 - 55 | |
| 13. | 1955 - 56 | |
| 14. | 1956 - 59 | |
| 15. | 1959 - 61 | |
| 16. | 1961 - 63 | |
| 17. | 1963 - 66 | |
| 18. | 1966 - 71 | |
| 19. | 1970, labelled 'Remote Control Stimulator' | |
| 33. | Notebook inscribed 'Science VIth Dulwich College', and later work | 1931 - 36 |
| 34. | Notebook inscribed 'Practical Zoology, Mich. 32' | 1932 |
| 35. | Notebook inscribed 'Physical Chemistry 8.7.32' | 1932 |
| 36. | Notebook | 1933 |
| 37. | Notebook inscribed 'Abs. of techniques' | 1933 - 39 |
| 38. | Notebook inscribed 'Practical comparative anatomy 11.4.34' | 1934 |
| 39. | Notebook inscribed 'Lent Term '34. Systematic morphology.'
'Green's supervisions.' | 1934 |
| 40. | Notebook inscribed 'Physiology - Part II notes. Book A' | ? 1935 |

41. Notebook inscribed 'Physiology - Part II notes. Book B' 1935
42. Notebook inscribed 'Work with Professor Popa' 1935
43. Notebook: Zurich 1936
44. Notebook inscribed 'Hillingdon County Hospital' 1940
45. Notebook: diary and working notes of journey to America 1950
46. Notebook: Lund, Sweden 1950
47. Notebook inscribed 'Data normal rats and rabbits' 1951
- 48.- Notebooks: Berkeley 1954 - 55
- 51.
52. Notebook 1946 - 59
53. Notebook 1969
54. Notebook: notes on amines and enzymes 1969
55. Notebook inscribed 'Xmas T. 1970' 1970
56. Notebook inscribed 'Notes on Stimulator' 1970
57. Notebook: examination questions on General Physics n.d.
(?Cambridge)
58. Notebook: notes on books read n.d.
59. Ms. and typescript notes on books read n.d.
60. British Medical Journal, 17 July 1949, with annotations and 1948
a Ms. note
61. Ms. notes in folder inscribed 'References. Physiol. Abstr. 1935 on' 1935
- 62.- Ms notes in folders numbered I, III - IV by Professor Harris 1940 - 43
66. (II missing)
67. Ms. notes in folder inscribed 'Diabetes Insipidus' 1942
68. Ms. notes in folder inscribed 'Notes on the Hypothalamus' 1940
69. Ms. notes in folder inscribed 'Structure of Hypothalamus' 1940
- 69a. Ms. exercise book. Notes on lectures by Professor Barcroft, 1942, 1946
Dr. Davies

III. Lectures and demonstrations (Short title only given)

70. Lectures on Thalamus and Hypothalamus n.d.
71. Miscellaneous material for demonstrations, mainly typescript n.d.

72. Miscellaneous Ms. lecture notes on endocrines, lactation, embryology. n.d.

73.- 136. Ms. folders and notes as follows:

- | | |
|--|-----------|
| 73. 'Primates' Cambridge, January | 1940 |
| 74. 'Pituitary. Lectures Part II', February | 1940 |
| 75. 'Osteology Class. 1' 6 lectures, July | 1940 |
| 76. 'Topographical and osteology class 2' 6 lectures, July | 1940 |
| 77. 'Osteology class 3' 8 lectures, October | 1940 |
| 78. 'Embryology', August | 1940 |
| 79. 'Comparative Morphology', December | 1940 |
| 80. 'Topographical Anatomy' 5 lectures, January | 1941 |
| 81. 'Practical Neurology Class', October-December | 1941 |
| 82. 'Neurology Revision Course', April | 1941 |
| 83. 'Neurology Lecture 1 - 8', October | 1941 |
| 84. 'Neurology Lecture 9 - 17', November | 1941 |
| 85. 'Comparative Anatomy', January | 1941 |
| 86. 'Surface Anatomy', May | 1941 |
| 87. 'Topographical ARM' | 1942 |
| 88. 'Comparative Neurology' (inside: 'Comparative anatomy brain') | 1942 |
| 89. 'Histology', February | 1943 |
| 90. 'Revision Lecture' | 1942 - 47 |
| 91. '4 lectures on lymphatic system', Easter term | 1944 |
| 92.- 'Lectures to Part II, Natural Science Tripos' numbered
102. I - XI by Professor Harris | 1943 |
| 103. Lectures on brain | 1946 - 47 |
| 104. 'Histology A' | 1948 - 49 |
| 105. 'Lecture on Oestrous Cycle' | n.d. |
| 106. 'Physiology' | n.d. |
| 107. 'Physiology - Part II' | 1948 |
| 108. 'Physiology - Part II' | 1948 - 51 |

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| 109. 'Physiology. Supervision A' | 1948 |
| 110. 'Physiology. Supervision B' | 1948 |
| 111. 'Part I Students. 5 lectures on Reproductive Physiology' | 1949 |
| 112. 'Neurophysiology' | 1949 |
| 112a. 'Emotional States and the Pituitary Gland' typescript of
Inaugural Lecture, Maudsley Hospital | 1954 |
| 113. 'D.P.M. Lectures. Maudsley 1952' | 1952 - 61/62 |
| 114. 'Neuroanatomy. Spinal cord' | 1962 - 63 |
| 115. 'Oxford D.P.M. Course' | 1964 - 68 |
| 116. 'Spinal Cord' | 1966 |
| 117. 'D.P.M. Lect. I Spinal Cord' | 1969 |
| 118. 'D.P.M. Lect. II' | 1968 |
| 119. 'Lecture XVI. Neuroanatomy' | 1962 - 64 |
| 120. 'Endocrinology' | 1963 - 67 |
| 121. 'Gen. Princ. Anat.' | 1964 - 65 |
| 122. 'Honour Schools. Neuroendocrinology' | 1964 - 70 |
| 123. 'Reproduction' | 1970 |

Shorter lectures, addresses and speeches (short title only; a detailed list is given on each folder)

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|---|-----------|
| 124. 4 pieces | c.1948 |
| 125. 7 pieces | 1950 - 51 |
| 126. 17 pieces | 1952 - 54 |
| 127. 'San Francisco' Lectures given as visiting Professor, Berkeley | 1954 - 55 |
| 128. 12 pieces | 1954 |
| 129. 10 pieces | 1956 - 63 |
| 130. 6 pieces | 1959 - 69 |
| 131. 7 pieces | 1941 - 63 |
| 132. 8 pieces | 1965 - 66 |
| 133. 8 pieces | 1965 - 66 |
| 134. 15 pieces | 1967 - 68 |

135. 15 pieces 1969 - 70
136. Miscellaneous introductions of lecturers, votes of thanks, after-dinner speeches etc.

IV. Working papers

137. Ms. tables of experimental observations, Cambridge 1949 1949 - 50
Lund, 1950
138. Notes and correspondence on I.C.I. 33, 828 1962 - 63
139. 5 folders, miscellaneous laboratory observations and records 1962 - 65
140. Ms. folder inscribed 'Behavioural tests' 1963 - 66
141. Ms. folder: detailed experimental case-notes by Harris and another 1965 - 66
142. Ms notes on transplants and stimulators 1965 - 66
143. Ring notebook inscribed 'December 1966, Lab.' 1966
144. Ms and typescript notes on writing commitments and other engagements 1968 - 69
145. Miscellaneous notes 1970
146. Ms. laboratory observations and experiments, 10 pieces n.d.
147. 'Activity Cycles': graphs, notes, calculations n.d.
148. Miscellaneous working papers and experiments n.d.
149. Ms. folder inscribed 'Glycotropic Results' n.d.
150. Vacant

V. Publications (for nos. 151-155 see p.12)

156. 'Humours and hormones' The Sir Henry Dale Lecture, 1971, 1971
Journal of Endocrinology, 53 ii-xxii. Notes, manuscript, typescript with Ms. corrections, later typescript, proof, correspondence.
157. '4 Whales Pituitary' Ms. drafts, working papers and calculations 1945 - 50
for articles 1947 Nature, 159, 874 and 1950 Journal of Physiology, 111, 361-367.
158. 'Neurohumoral mechanisms in reproduction' with B.T. Donovan, 1966
in Marshall's physiology of reproduction, Vol 3, Third edition, 301 378. Typescript with Ms. corrections by both authors.

159. 'Royal Commission on Medical Education' with Professor D. Whitteridge, letter in 'The Lancet' 4 January 1969, p.48. Includes letters on the above from Professor G.J.Romanes, Sir Francis Walshe 1969

160. Vacant

VI. Correspondence

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|---|-----------|
| 161. with Medical Research Council <u>re</u> grant | 1950 - 52 |
| 162. <u>re</u> grant by The Royal Society, includes reports from 1945, 1946, 1949 | 1945 - 49 |
| 163. Miscellaneous correspondence with The Royal Society | 1965 - 69 |
| 164. with Sir Wilfrid Le Gros Clark | 1961 - 65 |
| 165. with Sir George Pickering | 1961 - 63 |
| 166. Miscellaneous requests from various scientific journals for articles by Harris | 1962 - 71 |
| 167. Miscellaneous invitations to lecture, to symposia, conferences (detailed list on file cover) | 1954 - 71 |
| 167a. Invitations to act as thesis and external examiner | 1962 - 64 |
| 168. Scientific correspondence (see Index to Correspondents) | 1948 - 71 |
| 169. Scientific correspondence (see Index to Correspondents) | 1948 - 71 |
| 170. with Heinrich Klüver | 1964 - 71 |
| 171. with Dr. Charles W. Lloyd | 1962 - 71 |
| 172. with Dr. Andrew Schally | 1964 - 71 |
| 173. Miscellaneous correspondence (primarily social invitations) | 1959 - 64 |
| 174. Miscellaneous correspondence | 1965 - 71 |
| 175. <u>re</u> collaboration of Imperial Chemical Industries Ltd, National Research Development Corporation, and Medical Research Council on luteinizing hormone releasing factor | 1966 - 71 |
| 176. Scientific correspondence (see Index to Correspondents) | 1963 - 71 |
| 177. with World Health Organization | 1954 - 71 |
| 178. <u>re</u> early work (1936) by Harry B. Friedgood, correspondence and offprints | 1966 - 69 |
| 179. with Professor Sir John Stallworthy <u>re</u> co-operation in future research projects | 1969 - 71 |
| 180. with Dr. Frederick Naftolin <u>re</u> experiments on releasing factors | 1970 - 71 |

VII. Experimental observations and working papers

Material currently housed in the Department of Anatomy, Oxford pending further selection and photographing as appropriate.

I. Documents and photographs

12 boxfiles as follows:

1. 'Pituitary Infusions I', 37 folders of graphs and observations, 3 envelopes of photographs of rabbits.
2. 'Intravenous Infusions II', 56 folders of graphs and observations on rabbits.
3. 'Pituitary Infusions III', 39 folders of graphs and observations, photographs of rabbits.
4. 'Intravenous Infusions IV', 31 folders of graphs and observations of rabbits.
5. 3 folders, Rabbit TSH, Vasopressin, post-pituitary extracts.
6. 4 folders of photographs, observations, calculations, correspondence on rabbit experiments.
7. 8 folders of photographs, observations, calculations, correspondence
8. 'Rabbits and Controls', 20 folders of observations, photographs, X-rays.
9. 7 labelled packets of photographs of experimental material.
10. 14 envelopes of photographs and observations of rabbits.
11. Miscellaneous photographs and graphs.
12. Box of miscellaneous photographs and graphs of experiments.

II. Slides

Boxes of histological sections of control and experimental work on the pituitary gland and other endocrine organs.

VIII. Index to principal correspondents (see also items 5 and 6: files of
congratulatory letters which are
not indexed)

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THOMPSON, Dr. A. P. D.	177
VAN DYKE, Dr. Harry B.	169
WALSHE, Sir Francis Martin	159
ZUCKERMAN, Professor Sir Solly	169

V. Publications (cont. from p.7)

151. 'The Development and present status of endocrinology,' 1964
The Feldberg lecture, 1964, Cologne, Dt. med. Wschr., 90,
61-65. Ms. draft, typescript with corrections.
152. 'Sex hormones, brain development and brain function,' The 1964
Upjohn Lecture of the Endocrine Society of America, Endo-
crinology, 75, 627-648, 1964. Ms. notes and draft.
153. 'The site of action of chlormadinone in blocking ovulation 1966
in the mated rabbit,' Journal of Physiology, 186, 128-129
(with D. Exley, R.J. Gellert, R.D. Nadler). Manuscript and
correspondence.
154. The Pituitary Gland in 3 volumes, edited with Bernard 1966
Donovan, Butterworths, 1966. Manuscript of introduction
and of chapter 7; outline of chapters with progress sheets,
correspondence with Donovan, sample of letter sent to
potential contributors, miscellaneous notes.
155. 'Interactions between the central nervous system and the 1967
endocrine system,' in 'Biological and clinical aspects of
the central nervous system,' Symposium commemorating
50th anniversary of Pharmaceutical Department of Sandoz Ltd.,
Basle, pp. 85-102, 1967.
156. See p.7