

Catalogue of the papers and correspondence of

**Frederick Sydney Dainton FRS,  
Baron Dainton of Hallam Moors**

(1914-1997)

**VOLUME I**

Introduction

Sections A - H

by Timothy E. Powell, Peter Harper and  
Caroline Thibaud

NCUACS catalogue no. 112/11/02

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**VOLUME I**

Introduction

Section A: Biographical and personal

Section B: Research

Section C: Universities of Oxford and Cambridge

Section D: University of Leeds

Section E: University of Nottingham

Section F: University Grants Committee

Section G: University of Sheffield

Section H: House of Lords

by Timothy E. Powell, Peter Harper and Caroline Thibaud

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Title: Catalogue of the papers and correspondence of Frederick Sydney Dainton, Baron Dainton of Hallam Moors FRS (1914-1997), chemist

Compiled by: Timothy E. Powell, Peter Harper and Caroline Thibeaud

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SHEFFIELD

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## GENERAL INTRODUCTION

### PROVENANCE

The papers were received from Lady Dainton, widow, in 2000 and from Sheffield University Library, on various dates 2002.

### OUTLINE OF THE CAREER OF FREDERICK SYDNEY DAINTON

Frederick Sydney Dainton was born in Sheffield on 11 November 1914, the ninth child of George and Mary Dainton. His father was a Master Mason. He was educated at the Central Secondary School for Boys, Sheffield, winning an Exhibition scholarship to St John's College Oxford in 1933 (Goldsmiths' Company Exhibition 1935), from where he graduated with First Class Honours in Chemistry in 1937. Dainton then moved to Sidney Sussex College, Cambridge for postgraduate research on reactions of simple gases, studying under R.G.W. Norrish. He was a Goldsmiths' Company Senior Student, 1939 (Ph.D. 1940), before being appointed University Demonstrator in Chemistry 1944 and H.O. Jones Lecturer in Physical Chemistry 1946. He was elected a Fellow of St Catharine's College Cambridge in 1945. It was at Cambridge that Dainton met Barbara Hazlitt Wright, a student at Newnham College. They were married in 1942.

In 1950 Dainton returned to Yorkshire as Professor of Physical Chemistry at the University of Leeds. He stayed in Leeds for fifteen years, a period particularly productive both in terms of building up the department into a leading centre of research in physical chemistry and in pursuing his own research. In recognition of his contributions to reaction kinetics Dainton was elected to the Fellowship of the Royal Society in 1957. Although Dainton's initial research field had been photochemistry (studying under R.G.W. Norrish), and he was to retain an interest in this field throughout his research career, he had broadened his studies thereafter to the study of combustion, chain reactions and polymerisation kinetics. As his Royal Society citation recorded, Dainton's research interests spanned many areas of physical chemistry. In his own estimation he regarded his main contributions as being in the following areas: the kinetics and thermodynamics of addition polymerisation, the kinetics of cationic and anionic polymerisation, redox reactions, photochlorination, the reactivity of oxygen atoms in singlet state, photochemical electron transfer, quantum mechanical tunnelling and radiation chemistry.

In 1965 Dainton accepted an invitation to serve as Vice-Chancellor of the University of Nottingham. He took up post at a particularly turbulent time for universities worldwide and the student disturbances at Nottingham proved a considerable challenge. Of his achievements during this

period, Dainton was particularly proud of the establishment of the University's Medical School, which was opened in 1970. Throughout his time at Nottingham Dainton maintained his links with active research work through his Honorary Directorship of the Cookridge Radiation Research Centre at Leeds. In 1969 Dainton was asked to become Chairman of the Council for Scientific Policy (of which he was already a member). While not a full-time post, Dainton felt its demands could not be combined with those of the Vice-Chancellorship. He accepted the Chairmanship of the Council, resigning from Nottingham, and also took the opportunity to return to academic research and teaching as Dr Lees' Professor of Chemistry at Oxford. He held the Chair for three years.

The Council for Scientific Policy was abolished in 1972, Dainton becoming the first Chairman of its successor body the Advisory Board for the Research Councils 1972-1973. He was then invited by the Secretary of State for Education and Science (Margaret Thatcher) to become Chairman of the University Grants Committee in succession to Sir Kenneth Berrill. Dainton took up this post shortly before a change of government and during a worsening economic crisis. His term was marked by the introduction of government austerity measures that markedly constrained the ongoing expansion of universities. The difficulties facing the higher education sector notwithstanding, during Dainton's Chairmanship the number of medical students increased significantly and he successfully encouraged industrial sponsorships of engineering courses through new undergraduate courses with an emphasis on the needs of manufacturing industry. Dainton retired from the University Grants Council in 1978.

Dainton was appointed to the National Radiological Protection Board in 1977, serving to 1985 (from 1978 as Chairman). In 1978 he became Chairman of the British Library Board. His association with the national library can be said to date from his Chairmanship of the National Libraries Committee, 1967-1969. Dainton arrived at the British Library at a crucial moment. A site for the Library had been acquired on Euston Road at St Pancras but there was still considerable opposition to the move. The difficulties were exacerbated when the Labour party lost the 1979 election, as the incoming Conservative Government was not committed to the project. Dainton met Margaret Thatcher, the Prime Minister, in September 1980 and this face-to-face meeting was important in persuading her of the case for the new site. Dainton served as Chairman of the British Library until 1985 and remained in touch with developments thereafter.

Also in 1978 Dainton had been invited to become Chancellor of the University of Sheffield, a post he held to 1997. As a native of the city of Sheffield this appointment was particularly appropriate. Dainton took a keen interest in the University and was particularly conscious of his responsibilities at the University degree congregations, delivering a different address at each.

Dainton held many other positions and was active well into his ninth decade. These included the Chairmanship of the Royal Postgraduate Medical School 1980-1989 (serving as President from 1989

to 1997) and membership of the Court of Governors of the London School of Economics 1980-1997 (Chairman of the Library Panel from 1986). Dainton had joined the Goldsmiths' Company's Court of Assistants in 1973 and in 1982-1983 he served as Prime Warden of the Company. He also chaired its Education Committee. It is interesting to note that Dainton's association with the Goldsmiths' Company dated from his undergraduate days in Oxford when the Company awarded him a scholarship, with a postgraduate scholarship following in 1939.

This brief outline of Dainton's career gives some indication of the range of his activities in the fields of science, university administration, academic standards and public service. However, he made a great many contributions additional to those principal commitments set out above. Government advisory service included membership of the Central Advisory Council for Science and Technology 1967-1970, the Council for Scientific Policy (CSP) from 1965 to 1972 (Chairman from 1969) and the CSP's successor body, the Advisory Board for the Research Councils (Dainton was its first Chairman 1972-1973). In the 1960s he served on two significant working parties examining issues relating to the 'Swing Away from Science'. The first was the Enquiry into the Flow of Candidates in Science and Technology into Higher Education, established by the CSP under the chairmanship of Dainton in February 1965, to examine the causes of and remedies for the shortage of young people studying science and engineering at university. It reported in February 1968. He was also a member of the Working Group on Manpower Parameters for scientific growth, established under the chairmanship of Lord Swann in December 1965, which reported in September 1968. As Chairman of the CSP Dainton was involved in formulating policy fundamental to the planning and organisation of government-funded science in the following decade and beyond. He also chaired the CSP Working Group on Research Organisation which contributed to *A Framework for Government Research and Development* (the Rothschild Report). Dainton also chaired the CSP's Working Group which advised on how the recommendations in this report (and the customer/contractor principle in particular) should be applied.

Dainton was created a Life Baron in 1986, adopting the title Baron Dainton of Hallam Moors, an upland area very near Sheffield. He did not adopt a party affiliation but sat on the cross-benches. Dainton was an active member of Parliament. He served on the House of Lords Select Committee on Science and Technology, chairing three influential sub-committees, the Academic Research Careers Sub-Committee, the Systematic Biology Research Sub-Committee and the Forensic Science Sub-Committee. As a member of the House of Lords, he also made significant contributions to discussion of higher education policy, and medical teaching and training.

Dainton was accorded a great many honours and awards. These included over 25 honorary degrees from universities worldwide. Overseas honours included Foreign Membership of the Royal Swedish Academy of Sciences, the American Academy of Arts and Sciences, the Academy of Sciences, Göttingen, and the American Philosophical Society. Dainton was an Honorary Fellow of St

Catharine's College Cambridge, St John's College Oxford, Goldsmiths' College London, Queen Mary and Westfield College London, the London School of Economics, Birkbeck College London and the Royal Postgraduate Medical School. He was elected to the Fellowship of the Royal Society in 1957 (Davy Medal 1969, Faraday Medal 1974). He was knighted in 1971 and elevated to the peerage as Baron Dainton of Hallam Moors in 1986.

Dainton died on 5 December 1997. He was survived by his wife, Barbara Dainton with whom he had a son and two daughters.

For Dainton's own account of his life and career see his autobiography *Doubts and Certainties: A Personal Memoir of the 20th Century* (ed. by Barbara Dainton) Sheffield Academic Press, 2001. See also 'Frederick Sydney Dainton, Baron Dainton of Hallam Moors' by P. Gray and K.J. Ivin, *Biographical Memoirs of Fellows of the Royal Society* vol 46 (2000), 85-124.

#### DESCRIPTION OF THE COLLECTION

The material is presented in the order given in the List of contents. Dainton had a full and varied career making contributions to many areas of national life and this is very well represented in the collection. His widespread and longstanding interests in fields such as science policy, higher education, libraries, medical teaching and training are documented in more than one section.

Section A, Biographical and personal, offers significant documentation of Dainton's life and career from childhood to the end of his life. There is a draft of his autobiography, together with many autobiographical and biographical accounts. Schooldays are well documented by material relating to the Central Secondary School for Boys, Sheffield and its Shakespeare Society in particular. There is material on his undergraduate education, chiefly notes on lectures and experiments, and a significant sequence of material covering Dainton's career and some of the many honours and awards he was accorded. Other material documents Dainton's family background, his interest in the history of his discipline and some of the key figures within it, and his continuing devotion to the City of Sheffield. There are also photographs, taken at various stages in Dainton's life from boyhood to the 1990s, and audio and video tape recordings.

Section B, Research, documents Dainton's own research work 1937-1972. While it includes notebooks and research notes covering his periods at Cambridge, Leeds and Oxford, coverage of Dainton's research interests is patchy. There is good documentation of early work on photochemistry from the late 1930s to early 1950s, photochlorination and polymerisation from the period of Leeds, and later research work (1965-1970) at the Cookridge High Energy Radiation Centre. There is also significant material relating to Dainton's wartime research on incendiaries, including a set of reports.

This section also includes research work of D.H. Lea, 1943-1949. Lea was based at the Strangeways Research Laboratory, Cambridge and Dainton contacted him after reading his book *Actions of Radiations on Living Cells*, 1946. Lea died young and after his death Dainton was given access to some of his research records. At the end of the section is a copy of Dainton's Ph.D. thesis 'The Mechanism of Gaseous Explosion' (University of Cambridge, 1940), together with a number of Ph.D. theses completed by research students and colleagues at Cambridge.

Section C, Universities of Oxford and Cambridge, brings together material from two distinct periods in Dainton's career. The first period covers the period from his graduation from Oxford and move to Cambridge in 1937-1938 to his move to Leeds in 1950. It includes a copy of Dainton's undergraduate thesis 'The Spectroscopy and Photochemistry of the Alkyl Nitrites, Nitro compounds and nitrates' but is principally teaching material. The second component of the section is teaching material from Dainton's period as Dr Lee's Professor of Chemistry at Oxford, where he returned in 1970.

Section D, University of Leeds, brings together teaching material from Dainton's years at Leeds, 1950-1965 (this includes some earlier lecture notes from Cambridge and a little later material which may relate to university teaching as Dr Lee's Professor of Chemistry), material relating to the administration of research in the Department of Physical Chemistry and correspondence and papers relating to Dainton's Honorary Directorship of the Cookridge High Energy Radiation Centre. There are also manuscript notes for Dainton's addresses to first year undergraduates at Leeds, introducing the University and university life to them.

Section E, University of Nottingham, provides documentation covering the period of Dainton's Vice-Chancellorship 1965-1970. His term of office coincided with a period of prolonged student unrest in the UK and throughout the world and most of the material in this section relates to this. There is correspondence, student and university material including notices and papers for meetings, reports, press releases and statements, etc. relating to protests at Nottingham and the response of the University administration. There is extensive background material on unrest at university campuses in the UK and worldwide. There is also material relating to the establishment of the University Medical School, which Dainton regarded as one of his principal achievements. The section also has correspondence and papers relating to B.H. Tolley's book *The History of the University of Nottingham*, 2001, including drafts of chapters on Dainton's term of office. Dainton's close ties to the University of Nottingham meant that when disputes arose in the mid-1990s relating to the management of the University, some of those unhappy with developments looked to him for advice and support.

Section F, University Grants Committee, covers Dainton's chairmanship of the UGC 1973-1978. There are correspondence and papers relating to the cuts in university expenditure imposed by the

government and the consequent difficulties of maintaining long-term planning, and relations with the Committee of Vice-Chancellors and Principals, trades unions, individual universities and the four Secretaries of State for Education and Science with whom he had to deal (including Margaret Thatcher and Shirley Williams). There is a good record of the many visitations to higher education institutions throughout the UK conducted by Dainton and other members of the UGC, including formal reports and Dainton's own manuscript notes. There is also documentation of his encouragement of industrial sponsorship of new undergraduate engineering courses.

Section G, University of Sheffield, includes material relating to Dainton's appointment and installation as Chancellor of the University of Sheffield in 1978 (succeeding the politician 'Rab' Butler), a number of managerial issues with which he was involved including the Vice-Chancellorship of the University, and University prizes. The section also has good documentation of Dainton's speeches at degree congregations. Dainton was very conscious of his responsibilities at these occasions and delivered a different address at each. There are copies of his speeches, together with his collection of quotations, articles, press cuttings etc for themes and anecdotes.

Section H, House of Lords, has good coverage of Dainton's work as a member of Parliament from 1986. Documented here is his service on the House of Lords Select Committee on Science and Technology and on its Subcommittees including those chaired by him - the Academic Research Careers Sub-Committee, the Systematic Biology Research Sub-Committee and Forensic Science Sub-Committee. There is also excellent coverage of his interest in and contributions to Education Bills and Health Bills passing through Parliament. Material includes notes for and drafts of Dainton's contributions to debates, correspondence with colleagues and other interested parties on issues under discussion, annotated copies of Parliamentary literature, briefing notes and background material.

Section J, Societies and organisations, is the largest in the collection. It documents Dainton's involvement with 49 UK, overseas and international organisations and presents documentation of some of Dainton's most significant contributions to public life. Documentation of his advisory role to government includes the Central Advisory Council for Science and Technology, the Committee on Manpower Resources for Science and Technology Working Group on Manpower Parameters For Scientific Growth, the Council for Scientific Policy and the Working Group Enquiry into the Flow of Candidates in Science and Technology into Higher Education. There are minutes of meetings, draft and final reports, correspondence with other members, Dainton's manuscript notes, background material. Also well documented are his contributions to the library world including chairmanship of the National Libraries Committee, 1967-1971 and the British Library Board 1978-1985. The British Library material includes Dainton's own collection of key papers from the period, such as the plans for the new library, opposition following the Conservative election victory in 1979 and Dainton's very successful advocacy of the project, including his meeting with Margaret Thatcher.

The section also includes documentation of many of Dainton's other posts and responsibilities. These include serving as a Trustee of the Wolfson Foundation 1979-1988, the Prime Wardenship of the Goldsmiths' Company 1982-1983 and service on the London School of Economics Court of Governors 1980-1997. He was on a number of LSE committees and chaired the Library Panel, to which most of the material relates. Dainton was also Chairman of the Royal Postgraduate Medical School 1980-1989 and President to 1997. Much of the material concerns the proposed establishment of a national centre for clinical research. Dainton's interest in medical training is also represented in material of the University of London City and East London Medical Education Group, which he also chaired.

International and overseas commitments documented include the establishment of the International Federation of Associations for the Advancement of Science and Technology; Dainton was Chairman of the Inaugural Meeting in Hong Kong in 1991. In 1978 Dainton was personally requested by the Prime Minister of Singapore, Lee Kuan Yew, to undertake a review of higher education in the country. He visited the universities of Singapore the following year and advised the creation of the National University of Singapore. Dainton made a number of return visits to review progress. The material includes his notes on higher education in Singapore, reports, background material and speeches delivered during his visits.

Also documented here are a number of charitable causes Dainton supported as a Patron or in an advisory capacity. These include the Arthritis and Rheumatism Council, the Campaign for Oxford, the Educational Broadcasting Services Trust, Edward Boyle Memorial Trust, Nuffield Orthopaedic Centre Appeal, the Jacqueline du Pré Memorial Fund (St Hilda's College Oxford) and St Luke's Hospice, Sheffield.

Section K, Publications, includes a set of Dainton's offprints of published articles (those 1937-1973 are in bound volumes), and a sequence of drafts and related material for publications or works intended for publication. These cover articles on science policy, higher education and library policy as well as scientific articles in the field of physical chemistry. The largest single bodies of material relate to a planned but unpublished book on radiation chemistry (with E. Collinson) and to Dainton's guide *Choosing a British University A Guide for Candidates in the United States for Fulbright Awards and Marshall Scholarships* (London, 1981). Dainton's wide circle of friends and colleagues meant he was frequently asked to write obituaries and memoirs, and these are presented in a separate sequence. They include G.B. Kistiakowsky, N.N. Semenov and S. Zuckerman. There is also a set of Dainton's book reviews.

Section L, Lectures, presents a chronological sequence of material, principally notes and drafts, relating to his invitation and public lectures 1942-1996. Dainton was much sought after as a speaker

on a wide variety of topics, relating not only to his scientific work but to all aspects of public life with which he was involved. Consequently there are lectures on his scientific research and non-technical lectures on libraries, higher education, medical research and education, research and development, scientific education and manpower, and science policy. Among the lectures documented are Dainton's lectures as Arthur D. Little Visiting Professor of Chemistry, Massachusetts Institute of Technology, 1959; his 1961 Baker Lectures on Radiation Chemistry, Cornell University, New York; the Sir Ludwig Mond Lecture 'Science in the Universities: Salvation or Damnation: the Pursuit of Science and Human Curiosity', Manchester 1970; the 1981 Rede Lecture on 'British Universities: Purposes, Problems and Pressures'; the Rock Carling Lecture on 'Universities and the National Health Service', Sheffield, 1983; the 3rd Edward Boyle Memorial Lecture 'Knowledge is our Destiny and Education is the Tool', Royal Society of Arts, 1987; and the 1st British Library Dainton Lecture 'Knowledge is power: but how can we find what we need', 1987. There is also a sequence of notes for shorter speeches and addresses 1957-1997.

Section M, Visits and conferences, presents some of the visits Dainton made and conferences attended 1946-1997. It includes visits which were primarily scientific in nature, such as those to Canada and the USA in the 1940s and 1950s (including his Arthur D. Little Visiting Professorship at the Massachusetts Institute of Technology), to visits which bore more on his interest in education policy and libraries, such as his visit to Japan in 1973. Much of the material here relates to extended visits, often covering several weeks and taking in more than one country. On many occasions Dainton was accompanied by his wife, who often made independent trips on her own during the visits. Dainton combined his attendance at conferences, discussions with colleagues, lecturing and professional engagements with sight-seeing and this is reflected in the material.

Section N, Correspondence, is not extensive. Much of Dainton's correspondence was kept by him with the material to which it related, rather than being kept as a separate sequence, and Dainton's changes of career meant much earlier correspondence was not retained by him. The correspondence here is presented in a chronological sequence weighted predominantly to the last years of his life. It reflects a wide range of Dainton's interests including scientific research, higher education, libraries and the House of Lords. The sequence also includes some personal correspondence. There are also references and recommendations, again mainly relating to his last years.

Section O, Photographic slides, presents Dainton's collection of slides of graphs, figures, calculations etc. used as illustrations for lectures. They are all roughly 2 inch square size and most are glass. Few are dated.

There is also an index of correspondents

#### LOCATION OF OTHER MATERIAL

Papers relating to the National Libraries Committee are held at the British Library.

Dainton's medals and Honorary Degree certificates are intended to be passed to Sheffield University Library.

#### ACKNOWLEDGEMENTS

We are grateful to Lady Dainton for making the material available and for her advice and encouragement.

T.E. Powell  
P. Harper  
C.F. Thibeaud  
BATH 2002

**SECTION A                      BIOGRAPHICAL AND PERSONAL                      A.1-A.539**

A.1-A.5	OBITUARIES AND TRIBUTES
A.6-A.69	AUTOBIOGRAPHICAL AND BIOGRAPHICAL ACCOUNTS
A.70-A.100A	CHILDHOOD AND SCHOOLDAYS
A.101-A.187	UNDERGRADUATE STUDIES
A.188-A.336	CAREER, HONOURS AND AWARDS
A.337-A.391	FAMILY AND PERSONAL
A.392-A.418	SCIENTIFIC BIOGRAPHY AND HISTORY OF SCIENCE
A.419-A.442	CITY OF SHEFFIELD
A.443-A.495	MISCELLANEOUS
A.496-A.510	DAINTON'S ARCHIVES
A.511-A.539	NON-TEXT MATERIAL

## Biographical and personal

### A.1-A.5 OBITUARIES AND TRIBUTES

- A.1 Obituaries in the national press:
- The Times*, 8 December 1997.
- The Guardian*, 8 December 1997.
- The Independent*, 8 December 1997 and 22 December 1997
- The Daily Telegraph*, 10 December 1997.
- A.2 University obituaries:
- 'Lord Dainton: distinguished scientist and policy-maker', University of Sheffield Newsletter vol 22 no 5, 9 January 1998.
- 'Lord Dainton: an appreciation', from Annual Report of the Librarian 1996-1997, University of Sheffield.
- 'Former VC dies, aged 83', by D. Greenfield, University of Nottingham 'Newsletter' no 165, 16 January 1998.
- A.3 'Frederick Sydney Dainton, Baron Dainton of Hallam Moors' by P. Gray and K.J. Ivin, *Biographical Memoirs of Fellows of the Royal Society* vol 46 (2000), 85-124.
- Offprint.
- A.4 'Lord Dainton of Hallam Moors' by K.J. Ivin, 5pp photocopy typescript draft of memoir for Royal Society of Edinburgh, August 1998.
- A.5 Service of Thanksgiving for the Life of Lord Dainton, Sheffield Cathedral, 23 March 1998.
- Letter *re* arrangements for the service; Order of Service; 'Lord Dainton: an appreciation' given by Lord Walton of Detchant, 6pp typescript.
- See A.539 for the audio cassette recording of the service.

### Biographical and personal

**A.6-A.69                      AUTOBIOGRAPHICAL AND BIOGRAPHICAL ACCOUNTS                      1939-2002**

A.6-A.37	'Doubts and Certainties: A Personal Memoir of the 20th Century'
A.38-A.57	Articles and profiles
A.58-A.60	Curricula vitae
A.61-A.66	Entries for biographical directories
A.67, A.68	Press cuttings
A.69	Miscellaneous

**A.6-A.37                      'Doubts and Certainties: A Personal Memoir of the 20th Century'**

This was Dainton's autobiography, published posthumously (edited by Barbara Dainton) by Sheffield Academic Press in 2001. Although it was unfinished at the time of Dainton's death, the drafts indicate very substantial progress had been made.

Some of the photographs and slides used for illustrations are at A.511-A.535.

A.6-A.21	Typescripts drafts of chapters.
A.6	Preface and Chapter 1: Steel City Childhood.
A.7	Chapter 2: Pre-war Oxbridge, 1933-1939.
A.8	Chapter 3: Cambridge.
A.9	Chapter 4: An old civic university: Leeds 1950-65.
A.10	Chapter 5: A Vice-Chancellor's Life: Nottingham 1965-1970.

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- A.11 Chapter 6: Student unrest: a vignette of a local aberration.
- A.12 Chapter 7: A much-distracted chemist at Oxford.
- A.13 Chapter 8: Science and the State: the uneasy but unavoidable relationship.
- A.14, A.15 Chapter 9: Five years at the interface between government and the universities.  
2 folders.
- A.16, A.17 Chapter 10: Life as a casual worker! 1978-1985  
2 folders.
- A.18-A.20 Chapter 11: Some travels of an elderly couple.  
3 folders.
- A.21 Chapter 12: the last lap.
- A.22 Manuscript notes for summary of the book, August 1996.
- A.23-A.36A Background material assembled by Dainton in preparing his autobiography.
- A.23, A.24 'Papers for Chapter V: NHS'. Contents of envelope so inscribed.  
Chiefly *re* postgraduate medical education.
- A.23 Correspondence, notes and papers, 1980, 1981.
- A.24 Printed material, 1972-1978.

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- A.25-A.28 'Material for Chapter VI.' Contents of envelope so inscribed.  
Chiefly *re* NHS structure and reform, 1978-1982.  
4 folders.
- A.29-A.36 'Autobiog. Memoir Papers for Sci. Policy Chapt 7'. Contents of boxfile so inscribed.  
Chiefly offprints of published lectures by Dainton.
- A.29 '“Knock-free” fuels', *Discovery*, September 1939.  
Annotated by Dainton, 'My first “popular” science article'.  
  
Manuscript notes for talk on 'American Universities' to John Ray Society, February 1947.
- A.30 1971, 1974.
- A.31 1975, 1976.
- A.32 1979, 1980.
- A.33 1982.
- A.34 1983.
- A.35 1987-1989.
- A.36 1991-1996.
- A.36A Photocopies of possible illustrative material.

### Biographical and personal

- A.37 Promotional leaflet; papers *re* formal book launch of *Doubts and Certainties*, British Library, 28 January 2002.
- Copy of letter thanks for a copy of the book from Margaret Thatcher, with tribute to Dainton, 6 June 2002.
- A.38-A.57                      Articles and profiles                      1962-1996, n.d.**
- A draft of a section of B.H. Tolley's *The History of the University of Nottingham* (Nottingham University Press, 2001) dealing with 'Dainton and Butterfield' is at E.59-E.63.
- An article 'Coming home, hoping to repay the debt I owe to Sheffield', *Quality of Sheffield and South Yorkshire*, November 1978, is at G.7.
- An audio tape of a 'conversation with Lord Dainton by D.H. Whiffen' for the Royal Society of Chemistry, 1987, is at A.536; a videotape of an interview with Lord Walton, 1991 is at A.538.
- A.38 'Biographical sketch' for the American Chemical Society, 1962.
- A.39 'It began with Zeppelins...', *New Scientist*, 12 February 1970.
- A.40 Biographies for German Academy Exchange Services and Anglo-Bulgarian Colloquium IV, *ca* 1973.
- A.41 Interview with Dainton, 'FUSS: Forum for University Staff and Students' vol. 6 (1974). See also F.17.
- A.42 Biographical account for the Graduation Day programme, Royal Military College of Science, Shrivenham, 11 July 1975.
- Dainton was College Visitor.
- A.43 Brief correspondence with E.N. Hiebert, Professor of the History of Science at Harvard University, *re* Dainton's contributions to chemistry, 1978-1979.

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- A.44 'A scientific romantic who rose by degrees', *Sheffield Morning Telegraph*, 17 August 1979. See also G.6.
- A.45 'The sensitive scientist', *Yorkshire Life*, May 1980.
- A.46 'A decade of British science policy. An interview with Professor Sir Frederick Dainton, *Chemistry in Britain*, vol 16 (1980).
- A.47 Listing from *Radio Times*, 5 November 1980.  
Dainton was Guest of the Week on 'Woman's Hour', BBC Radio 4.
- A.48 'Hunt the Paradox and Fate may smile', *The Scientist*, 13 July 1987.
- A.49, A.50 Interview of Dainton by P.R. Thompson for the 'City Lives' series in the National Life Story Collection of the British Library National Sound Archive. 1989-1991.
- A.49 Correspondence *re* arrangements, 1989-1991.
- A.50 Bound transcript, 223pp. 1991.
- A.51 'Profile of the Lord Dainton FRS' by D.N. Hall for the Foundation for Science and Technology, *ca* January 1991.
- A.52 'Upholding the gold standard', *Times Educational Supplement*, September 1991.
- A.53 'The crystal gazer', *Guardian*, 2 August 1994.
- A.54 Science for the People', *Irish Times*, 13 September 1994.

### Biographical and personal

A.55 Autobiographical notes by Dainton recalling 'Three examples of burgeoning interest in science' written for P. Ramsden, Field Officer (North) for the Association for Science Education, 1995.

A.56 'Reflections of a radiation chemical dinosaur', *Radiat. Phys. Chem.* vol. 47 (1996).

A.57 'Reflections on the University of Sheffield', *Now & Then* (1996).

**A.58-A.60                      Curricula vitae    ca 1965-1997**

Includes versions of Dainton's 'Scientific biography'.

See A.508 for list of 'Scientific Publications', and A.510 for accounts of research put aside for his Royal Society memorialist.

Arranged in estimated chronological order.

A.58                      ca 1965, ca 1968, ca 1972, ca 1973.

A.59                      ca 1978, ca 1986.

A.60                      'First draft outline life of FSD', 1997.

**A.61-A.66                      Entries for biographical directories    1979-1997**

A.61                      *Modern Scientists and Engineers*, McGraw-Hill, 1979.

A.62                      *Who's Who in the World*, 1980, 1994.

A.63                      *Who's Who*, 1989-1997.

A.64                      *People of Today*, Debrett's, 1991-1996.

### Biographical and personal

A.65 'BBC-Vacher's Biographical Guide' and *Dod's Parliamentary Companion*, 1994-1997.

A.66 Miscellaneous entries.

**A.67, A.68                      Press cuttings    1940-2002**

Included here are cuttings from newspapers, pages of magazine articles, photocopies of articles. The material includes articles featuring Dainton as the main subject and also single references to him.

Press cuttings relating to Dainton's career, honours and awards are also to be found with the material to which it relates.

2 folders.

**A.69                                      Miscellaneous**

Includes 'Membership of committees other than University committees', late 1960s; 'Retirement activities as remembered by BHD' (Barbara Dainton); manuscript list of Honorary Degrees.

**A.70-A.100A                      CHILDHOOD AND SCHOOL DAYS    1915-1988**

A.70, A.71                      Infancy

A.72-A.100A                      Central Secondary School for Boys, Sheffield

**A.70, A.71                                      Infancy    1915, ca 1919**

A.70                      Banner Cross United Methodist Church Sunday School Cradle Roll Enrolment Certificate, July 1915.

A.71                      Infants School exercise book (lacks covers) used for writing exercises, ca 1919.

Probably used at Hunter's Bar School.

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**A.72-A.100A                      Central Secondary School for Boys, Sheffield                      1919-1988**

Dainton entered the school in September 1925. The school changed its name to High Storrs Grammar School in 1940.

See also J.531-J.535.

A.72                      Exercise book inscribed on front cover 'F.S. Dainton [Subject] Homework (Phys. & Inorg. Chem.) [Form] V Sci'.

Used for homework (marked), 23 September [1929] - 9 April [1930].

A.73                      'The Parachor', 29pp manuscript 'completed April 7th. F.S. Dainton VI Sc'.

A.74                      Latin exercise, 2pp manuscript.

A.75                      *Sheffield Daily Telegraph* newspaper cutting of School Certificate Exam Results, August 1929.

A.76                      Programmes for School Prize Days, 1930, 1931, 1933.

A.77                      Souvenir brochure of Sheffield Anglo-German Holiday School, 25 July-22 August 1930.

Dainton was one of the Sheffield boys chosen for this educational exchange scheme. Twenty German boys visited England and twenty Sheffield boys visited Germany.

Photographs are at A.516.

A.78                      Dainton's control card as a Group Leader at School Camp, Horstrake Isle of Man, ca 1932-1933.

A.79                      Programme for Opening of New Schools at High Storrs, 28 June 1933.

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- A.80-A.97            The Shakespeare Society
- The Society was established at the school in 1907. It won a high local reputation for its performances of Shakespeare's plays before being wound up in 1933 by the Headmaster.
- Dainton joined the Society in 1925. He appeared as a Lady in *King Lear*, 1929 and a Gentleman in *Much Ado about Nothing*, 1930. He served as Property Master (Stage Manager) in 1931 and as Secretary of the Society in 1932.
- Photographs are at A.512-A.515.
- A.80-A.83            Papers relating to Dainton's period as Property Master and Stage Manager 1931.
- A.80, A.81            Bundle of invoices, accounts, notes of expenses etc clipped together.
- 2 folders.
- A.82                    Society chequebooks. One includes cancelled cheque to Hilaire Belloc.
- A.83                    Exercise book inscribed on front cover C.S.S.B.S.S. The Stage Manager [...] Two Gentlemen of Verona'.
- Note by Dainton attached reads 'The Stage Manager's Book Used by FSD as SM 1931 "K. Hy IV Pt I" see p31 for advice to my successor when I was Secretary in 1932 – Macbeth'.
- A.84-A.89            'Papers relating to my year 1932 as Secretary - Mac Beth'. Contents of folder so labelled.
- A.84-A.86            Letters replying to Dainton's invitation as Secretary to attend performance of Macbeth, December 1932.
- Retained in original order.
- 3 folders.
- A.87                    Lists of invitees, manuscript notes on ticket sales and miscellaneous correspondence.

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- A.88 Society chequebook and paying-in book.
- A.89 Entertainments licence, invoices etc for cost of printing tickets and refreshments.
- A.90 Newspaper cutting reporting the winding up of the Society, October 1933.
- A.91-A.95 Programmes for annual performances of plays, 1919-1932.  
That for 1928 missing.
- A.91 'The Merchant of Venice', 1918; 'Hamlet', 1919; 'Antony and Cleopatra', 1920.
- A.92 'The Taming of the Shrew', 1921; 'King John', 1922; 'Twelfth Night', 1923.
- A.93 'The Tempest', 1924; 'Richard the Second', 1925; 'The Merry Wives of Windsor', 1926.
- A.94 'King Henry the Eighth', 1927; 'King Lear', 1929; 'Much Ado About Nothing', 1930.
- A.95 'King Henry IV Part I', 1931; 'Macbeth', 1932 (2 copies).
- A.96 Letter *re* laying of wreath to mark Shakespeare's birthday, 23 April 1932; programme for Shakespeare Concert, Memorial Hall, Sheffield, 14 October 1932.
- A.97 Society memorabilia.
- A.98-A.100A Later material relating to the school.

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- A.98 Programme for Speech Day, 19 July 1951.
- A.99 Correspondence with recollections of the school, 1978-1989.
- A.100 100th Centenary Celebrations, 1980  
Menu card for Centenary Dinner, 22 March; booklet of 'Extracts from School Magazines 1880-1969'; newspaper supplement from *Sheffield Morning Telegraph*, 21 March 1980, including Dainton's recollections of the school.
- A.100A Articles on the school by Dainton.  
Dainton wrote three articles for the High Storrs Centralians Newsletter with his recollections of the School: 'Sixty years ago' (April 1986), 'Orchard Lane' (April 1987) and 'CSSBSS: Central Secondary school for Boys Shakespeare Society' (Autumn 1987).  
Typescript drafts of articles; related correspondence 1986-1988.
- A.101-A.187 UNDERGRADUATE STUDIES 1932-1942**
- Dainton won an Open Exhibition scholarship to St John's College Oxford in 1932. He went up to Oxford in 1933 to read Chemistry, graduating with First Class Honours in 1937 (see C.1-C.7 for his thesis). See also C.22.
- A.101-A.103 General correspondence and papers, 1932-1942, with later memorabilia.
- A.101 Correspondence and papers *re* university entrance, 1932-1933.  
Includes Matriculation certificate, October 1933.
- A.101A Financial support, 1933-1942.  
Includes loan from City of Sheffield and applications to Grocers' Company and to the Goldsmiths' Company.

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- A.102                      Oxford University Alembic Club, 1936-1939.  
  
Dainton was Honorary Secretary, 1936.  
  
Programmes of meetings; signed Club Dinner menus.
- A.103                      Miscellaneous memorabilia.
- A.104-A.186              Undergraduate notes.  
  
Manuscript notes in Dainton's original folders, most with list of contents on back of the folders. Later labels on the front of some of the folders (used in the catalogue entries) offer further identification.  
  
The material, which includes notes on the literature, draft essays and revision notes, chiefly dates from 1934-1935.  
  
The folders were in poor condition and have been discarded but the lists of contents are reproduced in the catalogue entries.
- A.104-A.108              'FSD Undergraduate notes at Oxford Gen & Inorganic'.  
  
Contents: '1. Tautomerism 2. Steric hindrance 3. Diazo Cpds 4. Terpenes 5. Colour & structure 6. Physiology & structure (Vit B<sub>1</sub>, D (calciferol), C (ascorbic acid), bile acid).  
  
5 folders.
- A.109-A.116              'FSD Sidgwick & Kinetics'.  
  
Contents: 'Kinetics (in gas) 1. Homogeneous uni, bi, & [illegible] 2. Heterogeneous 3. Chain reactions 4. H<sub>2</sub>/O<sub>2</sub> reactions 5. Theory of activation'.  
  
8 folders.
- A.117-A.123              'FSD Undergraduate notes at Oxford. Physics and Phys Chem'.  
  
Contents: '1. Ionic reactions 2. Acid-base catalysed R 3. Kinetics of Soln Reactions (M-H) - Uni Bi Ter 4. Homo. R of non Ionic type in soln 5. Polanyi (At. R), R.S. Discussion 6. General photochem. 7. H<sub>2</sub>/Cl<sub>2</sub> & halogens 8. Aldehydrates & Ketanes'.  
  
7 folders.

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- A.124-A.128 'FSD Oxford Undergrad Phys Chem'.  
Contents: '1. Molecular spectra 2. Heavy hydrogen 3. Ortho/Para hydrogen 4. Surface films 5. True radicals'.  
5 folders.
- A.129-A.134 'FSD Undergrad Oxford Thermodynamics'.  
Contents: Thermodynamics. 1. 1st + 2nd Laws problems 2. [illegible] cycles 3. Thermodynamical function - entropy 4. Activity concept 5. Third Law of Nernst 6. Solubility'.  
6 folders.
- A.135-A.140 Contents: 'Electrochemistry. 1. Galvanic cells, electrode potentials 2. Applications of E.M.F. measurements 3. Overview [illegible] electrolysis 4. Equil. electrolytes, acids & bases, hydrolysis & buffers 5. Conductivity – methods & empirical 6. Transport nos & applications 7. Anomaly of strong electrolyte. Electricity D-M theory 8. Advanced D-H, reconstructed'.  
6 folders.
- A.141-A.147 Contents: '1. Electronic Th. Org. reactions 2. Aromatic substitution 3. Molecular rearrangement 4. Large carbon rings 5. Sugar chemistry 6. Molecular cpds'.  
7 folders.
- A.148-A.153 Contents: '1. Modern inorganic chem. 2. Radioactivity 3. Alloys 4. structure of the nuclear 5. Parachor'.  
6 folders.
- A.154-A.160 Contents: 'Sidgwick I. Special notes on magnetism 2. Determination At. Wts 3. Resonance 4. Isotopes & Sepn 5. Adsorption inductors'.  
7 folders.

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- A.161-A.169      Contents: '1) Stereochemistry a) Carbon: GH: TWTT: Rough & own notes b) Nitrogen. Essay GH TT. c) Other elements d) Diphenyl problem (atrophic) e) Physical theory f) Cov[alence] g) Pt Pd. 2) Dipole moments a) Methods of measurement b) Results & applications c) TFS: 1934 30 68. 3) Props of covalent link + Bragg + structure liquids'.  
  
9 folders.
- A.170-A.175      'F.S.D. Oxford undergrad Miscellaneous'.  
  
Miscellaneous manuscript notes, bibliographical references, jottings etc.  
  
6 folders.
- A.176, A.177      'FSD Undergrad summaries'.  
  
2 folders.
- A.178-A.184      Contents of springback binder.  
  
Manuscript chemistry notes.
- A.178              List of 'Work achieved'.
- A.179-A.181      'Summary of organic in Loxon files'.  
  
Loxon may refer to the type of stationery.  
  
3 folders.
- A.182              'Summary of certain points in Physical'.
- A.183              Notes on Avagadro's number.
- A.184              'Summary of inorganic in Loxon files'.  
  
'Loxon' may refer to the type of stationery.

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- A.185                      Hardback notebook inscribed inside front cover 'F.S. Dainton St John's Coll Oxford Practical Inorganic Chemistry (O.C.D.)'.  
  
Used initially for notes October-November 1933, later for research notes on results of experiments and data (paginated 1-231).  
  
A little loose material, 1937, 1939.
- A.186                      Hardback notebook inscribed inside front cover 'Analysis. Volumetric and Qualitative'.  
  
Used 1933-1934.  
  
A little loose material intercalated.
- A.187                      Graduation, 1937.  
  
Newspaper cuttings.
- A.188-A.336                      CAREER, HONOURS AND AWARDS                      1939-1997**
- Dainton had a varied career spanning academia, government service and administration, during which time he received many honours. Although the material presented here includes documentation of many of the salient points in his career and honours awarded, it does not offer an exhaustive record.  
  
Much of the material is letters of congratulation.
- A.188                      Correspondence *re* award of Goldsmiths' Company Senior Studentship at Cambridge, 1939.  
  
Telegram notifying Dainton of award of Ph.D., August 1940.
- A.189                      Ministry of Home Security Research and Experiments Department authorisation 'to visit fires to assist the Regional Technical Intelligence Officer'. August 1942.

### Biographical and personal

- A.190 Correspondence *re* Fellowship at St Catharine's College Cambridge from 1945, 1944-1945.  
Includes letters of congratulation.
- A.191 Appointment as Professor of Physical Chemistry, University of Leeds, 1950.  
Two letters of congratulation, May 1950.
- A.192 Offers of Chairs:  
King's College London, 1955.  
University of Birmingham, 1956.
- A.193-A.207 Election to Fellowship of the Royal Society, 1957.  
Dainton was elected FRS 'for his contributions to physical chemistry and particularly his work on reaction kinetics, polymerisation processes and radiation chemistry'.
- A.193 Papers *re* election.
- A.194-A.207 Letters of congratulation.  
In alphabetical order. Not indexed.
- A.194 A.
- A.195 B.
- A.196 C., D.
- A.197 E., F., G.
- A.198 H.

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- A.199 I., J., K.
- A.200 L., M.
- A.201 N., O.
- A.202 P.
- A.203 R.
- A.204 S.
- A.205 T., U., V.
- A.206 W., Y.
- A.207 First name only.
- A.208 Correspondence *re* offer of Senior Tutorship of Churchill College Cambridge, 1959.
- A.209 Letters of congratulation on Honorary Fellowship, St Catharine's College Cambridge, 1960-1961.
- A.210 Correspondence *re* offer of Vice-Chancellorship, University of Leicester, 1961.  
Includes letter of advice to Dainton from R.G.W. Norrish.
- A.211 Correspondence *re* offer of Vice-Chancellorship, University of Warwick, 1962.

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- A.212 Correspondence *re* offer of Vice-Chancellorship, University of Liverpool, 1962.
- A.213 Dainton's manuscript notes and associated correspondence on his career path.
- Dainton was nearing his fiftieth birthday and had received a number of offers of Vice-Chancellorships. He was unsure as to which direction he should take his career.
- The material includes a letter from R.G.W. Norrish, to whom Dainton had turned for advice in 1961 (see A.210).
- A.214 Correspondence with Lord Rothschild *re* offer of Directorship of Shell Thornton Research Centre, 1963.
- A.215 Correspondence and manuscript notes *re* offer of Vice-Chancellorship, University of Nottingham, 1964.
- Dainton succeeded B.L. Hallward as Vice-Chancellor in 1965.
- A.216 Offer of Distinguished Visiting Professorship in Chemistry, University of California, Davis for 1965.
- The offer is dated October 1963. Dainton's reply on verso, 22 September 1990, explains that the letter went unopened.
- A.217 Departure from University of Leeds, 1965.
- Autograph book presented in tribute to the Daintons by the School of Chemistry, University of Leeds.
- A.218-A.220 Award of Davy Medal of the Royal Society, 1969.
- A.218 Correspondence and papers *re* award.
- A.219, A.220 Letters of congratulation.
- In alphabetical order. Not indexed.

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A.219	A.-K.
A.220	L.-Z., first name only.
A.221-A.232	Appointment as Dr Lee's Professor of Chemistry, University of Oxford, 1969.  Dainton succeeded R.E. Richards. He combined the Professorship with Chairmanship of the Council for Scientific Policy.
A.221	Newspaper cuttings <i>re</i> appointment.
A.222-A.232	Letters of congratulation.  In alphabetical order. Not indexed.
A.222	A., B.
A.223	C.
A.224	D.-F.
A.225	G., H.
A.226	J.-L.
A.227	M.-O.
A.228	P., R.
A.229	S.

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A.230	T., V.
A.231	W, Y.
A.232	First name only.
A.233-A.254	Conferral of Knighthood, 1971.
A.233	Correspondence and papers <i>re</i> conferral of knighthood, 1970-1972.
A.234	Newspaper cuttings.
A.235-A.254	Letters of congratulation. In alphabetical order. Not indexed.
A.235	A.
A.236	B.
A.237	C.
A.238	D., E.
A.239	F.
A.240	G.
A.241	H.

**Biographical and personal**

A.242 I., J.

A.243 K.

A.244 L.

A.245 M.

A.246 N., O.

A.247 P.

A.248 R.

A.249 S.

A.250 T.-V.

A.251 W.

A.252 Y., Z.

A.253, A.254 Unidentified and first name only.  
2 folders.

A.255, A.256 Award of Honorary degrees, 1970, 1971.

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- A.255                    Doctor of Laws, University of Nottingham, December 1970.  
  
                              'University of Nottingham Gazette' no. 71, January 1971, with oration in  
                              honour of Dainton and his reply.
- A.256                    Doctor of Science, University of Exeter, July 1971.  
  
                              Programme for Degree congregation.  
  
                              Doctor of Science, Queen's University of Belfast, July 1971.  
  
                              Programme for congregation; dinner menu.
- A.257                    Correspondence *re* Director-Generalship of the British Council, September-  
                              October 1971.  
  
                              Manuscript note *re* possible future direction of career found therewith.
- A.258                    Correspondence *re* Mastership of St Catharine's College Cambridge,  
                              January 1972.
- A.259                    Admission to the Freedom of the City of London, October 1972.  
  
                              Includes certificate of admission.
- A.260-A.266            Chairmanship of the University Grants Council, 1973-1978.  
  
                              Dainton became Chairman of the UGC in October 1973, succeeding Sir  
                              Kenneth Berrill. He held the post for five years.  
  
                              See section F.
- A.260                    Draft press-release on Dainton's appointment, 1973; official pass allowing  
                              access to the Secretary of State for Education and Science, n.d.; photocopy  
                              of Parliamentary Question on Dainton's credentials, annotated by Dainton,  
                              1974.
- A.261-A.264            Letters of congratulation, 1973.  
  
                              Not indexed.

### Biographical and personal

- A.261 Bundle found clipped together and labelled 'All answered. Standard reply'.
- A.262 Bundle found clipped together and labelled 'All answered. Special letters'.
- A.263 Bundle found clipped together and labelled 'Answered in person or by letter or not requiring an answer'.
- A.264 Other letters of congratulation.
- A.265 Letters of appreciation received during period of Chairmanship.
- A.266 Letters of good wishes to Dainton on his retirement from the UGC, 1978.
- A.267 Election as Corresponding Member, Akademie der Wissenschaften zu Göttingen, 1984.
- A.268, A.269 Retirement from Chairmanship, National Radiological Protection Board, 1985.  
  
Dainton was appointed as Chairman in 1978, succeeding Sir Brian Windeyer.
- A.268 Letter of thanks from Norman Fowler MP, Secretary of State for Social Services, October 1985; typescript address on 'Presentation to Sir Frederick Dainton, 17 October 1985; *Radiological Protection Bulletin* no. 67, November 1985, with appreciation of Dainton on pp 4-5.
- A.269 Signed greetings card.
- A.270-A.274 Retirement from Chairmanship of British Library Board, 1985.  
  
For photographs taken on the occasion see A.524.
- A.270 Typescript notes for farewell address, 15 November 1985.

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- A.271 'A look at the British Library Board', British Library 'Focus', June 1985.  
Includes references to Dainton and his forthcoming retirement.
- A.272, A.273 Copies of letters sent by Dainton in reply to letters of good wishes on his retirement.  
Includes a few letters received.  
2 folders.
- A.274 Signed greetings card.
- A.275-A.309 Elevation to the Peerage, 1986.  
Dainton was created Baron Dainton of Hallam Moors in the New Years Honours of January 1986.
- A.275 Correspondence and papers *re* Barony.  
Includes material relating to Dainton's choice of title and Supplement to the *London Gazette* 30 December announcing the New Year's honours.
- A.276 Correspondence and papers *re* arrangements for conferral of Barony and introduction to the House of Lords.  
Includes formal writ of summons.
- A.277 Newspaper and other press coverage.
- A.278-A.308 Letters of congratulation, 1985-1986.  
In alphabetical order. Not indexed.
- A.278 A.

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A.279, A.280      B.  
2 folders.

A.281, A.282      C.  
2 folders.

A.283      D.

A.284      E.

A.285      F.

A.286      G.

A.287, A.288      H.  
2 folders.

A.289      I., J.

A.290      K.

A.291      L.

A.292, A.293      M.  
2 folders.

A.294      N., O.

**Biographical and personal**

A.295	P.
A.296	Q.
A.297	R.
A.298, A.299	S. 2 folders.
A.300	T.
A.301	U., V.
A.302, A.303	W. 2 folders.
A.304	Y., Z.
A.305-A.308	First name and unidentified. 4 folders.
A.309	Photocopies of two standard letters of reply; list of those telephoning their congratulations.
A.310	Letter of thanks to Dainton, with his reply, for his service on Court of Henley College, February 1986.

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- A.311 Election to Honorary Fellowship, Birkbeck College London, July 1986.  
Correspondence.
- A.312 Election to Fellowship of the Royal Society of Arts, June 1988.  
Certificate.
- A.313 Honorary Doctorate of Civil Law, University of Oxford, September 1988.  
  
This was bestowed during the British Association for the Advancement of Science meetings.  
  
Programme for degree congregation; 'University of Sheffield Newsletter' 16 November 1988, reporting the honour.
- A.314-A.318 Seventh-fifth birthday celebrations, 1989.  
  
The celebrations were held at the Cookridge Radiation Research Centre, University of Leeds.  
  
For photographs taken during the celebration events see A.525, A.526.
- A.314 Correspondence *re* arrangements for birthday celebrations, letters of good wishes and apologies for absence.
- A.315 Manuscript notes for Dainton's words of thanks; page 2 of 'Leeds Reporter', 6 October 1989, with picture of Dainton at his birthday party.
- A.316 Lists of staff and researchers at Leeds during Dainton's Professorship, 1955/6-1965/66.  
  
Found with the birthday celebrations material.
- A.317, A.318 Birthday cards.  
  
Some with personal messages of congratulation. Most first name only.  
  
2 folders.

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- A.319 Election as Foreign Member, American Philosophical Society, May 1991.  
For photograph see A.527.  
Letter of notification; publicity material.
- A.320 Honorary Doctorate of Letters, Council for National Academic Awards, London, May 1991.
- A.321 Letters of thanks to Dainton on his completion of term of office as member of the Museums and Galleries Commission, 1991-1992.
- A.322-A.333 Eightieth birthday celebrations, 1994.  
A number of different events were organised by bodies with which Dainton had been associated.  
Correspondence and papers *re* celebratory events.
- A.322 Lunch at British Library, London, 11 November.
- A.323 Dinner at Goldsmiths' Hall, London, 11 November.  
Includes typescript notes for Dainton's speech of thanks.
- A.324 Dinner at St Catharine's College Cambridge, 18 November.  
Includes manuscript notes for Dainton's speech of thanks and typescript of 'Five Very Happy Years', Dainton's recollections of the period 1945-1950 for the College Society Magazine, 1995.
- A.325 Dinner at Corpus Christi College Cambridge, 19 November.  
?Function at St John's College Oxford.
- A.326 Dinner at University of Sheffield, 9 December.

/...

### Biographical and personal

/... Includes copy of University of Sheffield alumni magazine *Now & Then*, Summer 1985, with reproduction of portrait of Dainton on front cover and feature on Dainton's 80th birthday on page 5.

Also includes material *re* tour of the University Library and Humanities Research Institute on 9 December.

A.327 List of birthday presents received and senders.

A.328-A.333 Birthday cards and letters.  
Some with personal messages of congratulation. Most first name only.  
6 folders.

A.334 Honorary Membership, Society of Chemical Industry, 1996.  
Letter of invitation, etc. April.

A.335 Fellowship of the City and Guilds of London Institute, 1997.  
Correspondence, 1996-1997.

A.336 Letter *re* farewell reception for Dainton at LSE, 16 July 1997.

#### A.337-A.391 FAMILY AND PERSONAL

A.337-A.345	George Whalley Dainton (father)
A.346, A.347	Mary Jane Bottrill (mother)
A.348-A.358	Barbara Hazlitt Wright (wife)
A.359-A.361	John Bourke Dainton (son)
A.362-A.365	Mary Crawford Dainton (elder daughter)
A.366-A.368	Rosalind Hazlitt Dainton (younger daughter)

/...

### Biographical and personal

/...	A.369-A.376	William Bourke Ireland Wright (father-in-law)
	A.377-A.379	Mabel Crawford Wright (mother-in-law)
	A.380-A.382	Miscellaneous
	A.383-A.391	Family and personal correspondence

#### **A.337-A.345**      **George Whalley Dainton (father)**

G.W. Dainton, 1857-1930, was a Master Mason. He worked on Sheffield Town Hall and was Foreman or Clerk of Works to a number of projects including Sunderland Head Post Office and the extension to Eccleshall Parish Church.

He had nine children, of whom Dainton was the youngest.

A.337      Copy of Death Certificate, 12 September 1930.

A.338      G.W. Dainton correspondence, 1895-1924.

The correspondence is chiefly references for G.W. Dainton testifying to his contributions as Foreman and Clerk of Works.

A.339, A.340      Presentation of G.W. Dainton's masonry tools, 1990.

Mr Charles Gibbs, who had been the last apprentice to G.W. Dainton was bequeathed his tools. In 1990 Gibbs offered them to Dainton who passed them for display at the University of Sheffield.

In connection with the gift Gibbs' historical recollections of his work as a mason, the Dainton family and life in Sheffield were recorded.

A.339      Correspondence, 1990.

A.340      Two slightly different typescript transcripts of C. Gibbs' recollections, recorded April 1990; letter 1995.

### Biographical and personal

- A.341-A.344 All Saints' Parish Church, Eccleshall, 1991-1997.  
G.W. Dainton was involved in the building of the extension and the War Memorial.
- A.341 Correspondence with Vicar and related material, 1991-1995.
- A.342 'Times Past and Times Future', recollections by Dainton for the 'Spur' (parish magazine), December 1991.  
2pp typescript; copy of piece as published.
- A.343 Eccleshall Church Appeal brochure, ca 1907.
- A.344 Eccleshall Parish Church Appeal, 1997.  
Through his family connections with the Church Dainton agreed to act as Patron of the Appeal.
- A.345 Miscellaneous correspondence *re* G.W. Dainton, 1990, 1994.
- A.346, A.347 Mary Jane Bottrill (mother)**  
M.J. Bottrill, 1873-1943, was the second wife of G.W. Dainton, and the sister of his first wife Sarah Ann Bottrill. They were married in 1895.
- A.346 Correspondence *re* Bottrill family and marriages of Bottrill sisters to G.W. Dainton, 1986-1993.
- A.347 Family trees and notes.
- A.348-A.358 Barbara Hazlitt Wright (wife)**  
Barbara Dainton was born in 1917, the daughter (and only child) of the geologist W.B.I. Wright (see A.369-A.376 below). She studied zoology at Newham College Cambridge, receiving her Ph.D. in 1940. She was Supervisor in Zoology at Newnham 1944-1947.

/...

### Biographical and personal

- /...
- Barbara Dainton thereafter combined her career with raising three children and supporting her husband. She undertook part-time teaching in Biology at Leeds Girls' High School 1954-1958, was Research Assistant in the Department of Zoology, University of Leeds, 1962-1965, served on Hospital Management Committees 1967-1970 and was a Member of Oxford Regional Health Authority 1974-1978. In 1975 she was elected a fellow of St Hilda's College Oxford and served as Tutor in Zoology 1975-1984.
- A.348 Curriculum vitae; correspondence *re* career, 1948, 1949.
- A.349 Address delivered at Speech Day, unidentified Nottingham girls' school, late 1960s.  
  
5pp manuscript.
- A.350 'Newnham 33 years ago. A reflection written 33 yards from a Student "sit-in" of 1970'.  
  
3pp manuscript.
- A.351 Reunion and Presentations, Saxondale Hospital, Radcliffe-on-Trent, Nottingham School of Nursing, 14 April 1971.  
  
Lady Dainton was Guest of Honour.  
  
Programme.
- A.352 Prize-giving, Streatham Hill and Clapham High School, London, 10 January 1992.  
  
Three slightly different typescript drafts; letter of thanks.
- A.353-A.356 Correspondence with Dainton.  
  
The Daintons first met at Cambridge in 1938. They were married in Trumpington Parish Church in 1942.
- A.353 1941-1942.
- A.354 1943-1947.

### Biographical and personal

A.355 Undated [1940s].

A.356 1965, 1968, 1970.

A.357, A.358 Personal correspondence to Barbara Dainton.

A.357 1949-1951.

A.358 1970, 1984.

#### **A.359-A.361 John Bourke Dainton (son)**

J.B. Dainton was born in 1947. He studied physics at Oxford and received his D.Phil. in 1973. After periods at Sheffield, Glasgow and Hamburg, he was appointed Reader and then Professor of Physics at the University of Liverpool. He was elected to the Fellowship of the Royal Society in 2002.

A.359 Letters to Barbara Dainton on birth and subsequent health of mother and baby, 1947-1948.

A.360 Report on J.B. Dainton's appointment as SERC Senior Fellow, University of Liverpool, 1992; manuscript poem by Dainton on his son's appointment to a Chair, 1994.

A.361 Personal correspondence, 1969-1989.

#### **A.362-A.365 Mary Crawford Dainton (elder daughter)**

M.C. Dainton was the Daintons' second child, born in 1950. She became a doctor.

A.362, A.363 Letters to Barbara Dainton on birth and subsequent health of mother and baby, 1950.

2 folders.

### Biographical and personal

A.364 Infant school exercise book used 1957; manuscript account of childhood visit to the Alps, with memorabilia pasted to pages, n.d. but marked 'A. Very Good'; newspaper cutting of M.C. Dainton as a student at Oxford playing cricket.

A.365 Personal correspondence, 1970, n.d.

#### **A.366-A.368 Rosalind Hazlitt Dainton (younger daughter)**

R.H. Dainton was born in 1952. She became a school teacher, teaching physics at a sixth form College.

Much of the material concerns a visit to the USA with an American Field Service International Scholarship in 1969. She stayed with a family in Plano, Illinois.

A.366 Programmes from Leeds Children's Theatre and Leeds school plays in which R.H. Dainton took part, 1962, 1963.

A.367 Application for scholarship; correspondence and papers from American Field Service *re* arrangements, 1969.

A.368 Personal correspondence, n.d.

#### **A.369-A.376 William Bourke Ireland Wright (father-in-law)**

W.B.I. Wright, 1876-1939, was an eminent Irish geologist. He worked for the Geological Survey of Ireland before joining the Geological Survey of Great Britain in 1921. He added 'Ireland' to his forenames by deed poll in 1909.

Barbara Dainton was the daughter (and only child) of the geologist W.B.I. Wright.

A.369 4pp manuscript 'Notes on W.B. Wright's early life'; copy of obituary from *Nature*, 4 November 1939.

### Biographical and personal

- A.370 Issue of the *Irish Naturalists Journal*, March 1940.  
Obituary of Wright (with photograph) on pp 250-253.
- A.371 Baptism and death certificates of Wright; manuscript copy of parents' marriage certificate.  
  
Deed Poll adding the name 'Ireland' to his forenames, 1909.
- A.372 'List of papers and memoirs by W.B. Wright' (covers 1904-1936); pages from the journal *Geography* with book reviews by W.B.I. Wright and his wife Mabel C. Wright.
- A.373 Offprints of articles by H.J. Fleure kept by W.B.I. and M.C Wright.
- A.374 Opening of British Geological Survey Library, Keyworth, Nottinghamshire, 19 August 1987.  
  
Dainton spoke at the ceremony and referred to Wright in his speech.  
  
Correspondence, August, December 1987.
- A.375 'A Celebration of Louis Agassiz and 150 Years of Quaternary Research', Royal Holloway and Bedford New College, London, 20 November 1987.  
  
Dainton was invited to attend and contributed a slide of Wright.  
  
Correspondence, October-December 1987.
- A.376 Correspondence and papers *re* Wright, 1988-1992.
- A.377-A.379 Mabel Crawford Wright (mother-in-law)**  
  
M.C. Wright was a geologist in her own right. She was the first woman graduate of the Royal College of Science, Dublin. She was appointed by H.J. Fleure as a lecturer in geography at Manchester (the first married woman to hold a post within the University of Manchester. After W.B.I. Wright's death in 1939 she remarried, to Frank Osborne. He died in 1974.

### **Biographical and personal**

- A.377                      Personal correspondence, 1919-1974.  
  
Letter from Dainton to D. Jones, University of Sheffield, about M.C. Wright, 1992.
- A.378                      Family trees, notes, etc.
- A.379                      Letters of condolence to M.C. Osborne on the death of her husband, 1974.
- A.380-A.382              Miscellaneous**
- A.380                      Letters on the Dainton family, annotated 'Dainton file', 1990, 1991.
- A.381                      'The Whitleys of Enniskillen' by T. Whitley Moran. Privately produced bound volume, 1962.  
  
The Whitley family were related to the Wrights.
- A.382                      Miscellaneous material found with family correspondence and papers.
- A.383-A.391              Family and personal correspondence**
- Mostly arranged in a chronological order.
- A.383                      1932-1969.
- A.384                      1970-1976.
- A.385                      1981-1989.
- A.386                      1990-1995.

### Biographical and personal

- A.387 1995.  
'Get well' cards sent to Dainton during illness.
- A.388 1996, n.d.
- A.389, A.390 Postcards received, 1981-1984, n.d.  
2 folders.
- A.391 Christmas letters.  
Master copies of circular Christmas letters sent by the Daintons, 1980-1995.
- A.392-A.418 SCIENTIFIC BIOGRAPHY AND HISTORY OF SCIENCE**
- A.392-A.411 Individual scientists  
A.412-A.418 History of chemistry
- A.392-A.411 Individual scientists**
- In addition to historical material relating, principally, to chemistry, there is also material relating to scientific colleagues of Dainton. Some of this material was assembled in connection with memorial services, obituaries or tributes.
- See also K.131-K.165.
- A.392-A.396 Mansel Davies**
- This includes Dainton's correspondence with Davies, photocopies of articles by Davies on the history of chemistry, the scientific method etc, and typescript and manuscript drafts sent to Dainton for interest and comment.
- Arranged in chronological order as far as possible, 1985-1993 and n.d.
- A.392, A.393 ca 1984. Davies' material on P.J.W. Debye.

### Biographical and personal

- A.392 Manuscript draft, list of captions for slides, background information.
- A.393 'Paul Debye (1884-1966): A Centenary Appreciation', 10pp typescript.
- A.394 1985-1989. Includes appreciations of J. Needham by Davies, and letter from Dainton, 10 January 1988, reflecting on chemistry teaching at school.
- A.395 1991-1993. Includes outline of Davies' project for ?article on 'Scientists who were more than scientists', and Dainton's recollections of F. Soddy in a letter of 4 July 1992.
- A.396 N.d.
- A.397-A.407 **R.G.W. Norrish**
- Norrish, 1897-1978, was Professor of Physical Chemistry at Cambridge 1937-1965 and (with G. Porter and M. Eigen) winner of the Nobel Prize for Chemistry in 1967. He was a great influence on Dainton's early career; Dainton studied under him and undertook research (with P.G. Ashmore) into combustion reactions between hydrogen and oxygen.
- With B.A. Thrush, Dainton wrote the Royal Society memoir of Norrish (*Biographical Memoirs of Fellows of the Royal Society* vol. 27, 1981) and Dainton also prepared the entry for the *New Dictionary of National Biography*. The material presented below was assembled by Dainton in the course of the preparation of these two pieces.
- A photograph of Norrish is at A.533.
- A.397 Copy of Royal Society memoir.
- A.398 Obituaries of Norrish by others: P.G. Ashmore (*The Times* and 'Encyclopaedia Universalis'), C.H. Bamford (*Nature*), K.J. Laidler (American Chemical Society), J.H. Purnell.
- A.398A 'A light on life. An interview with Ronald Norrish', *Chemistry in Britain* vol 11 (1975); biographical accounts of Norrish compiled in his lifetime; curriculum vitae.

### Biographical and personal

- A.399, A.400 Published work by Norrish.
- A.399 'Some fast reactions in gases studied by flash photolysis and kinetic spectroscopy', Nobel Lecture 11 December 1967, published in *Les Prix Nobel en 1967* (Stockholm, 1969).
- The book is inscribed by Norrish, 'With gratitude to my friend Dr Frederick S. Dainton, F.R.S. for his splendid collaboration in research, and for his many personal kindnesses which I shall always remember but can never adequately repay'. Covering letter inside front cover.
- A.400 'Rôle des aldéhydes dans l'oxydation des hydrocarbures', *Revue de l'Institut Français du Pétrole et Annales des Combustibles liquides* vol 4 (1949); report on visit to USSR, April-May 1966.
- A.401 *Science*, 10 November 1967, with account of the work of the three Nobel laureates for Chemistry.
- A.402-A.404 Reminiscences of Norrish from friends and colleagues.
- A.402 Lists of former students and colleagues.
- A.403, A.404 Recollections.
- A.403 D.W.E. Axford; W.I. Bengough; J.A. Berriman; P. Borrell; E.J. Buckler; T. Callear; J.E. Carruthers; H.J. Emeleus; P. Gray; W. Jost.
- A.404 C. Kemball; V.N. Kondratiev; B. Lewis; B.P. Mullins; A.J.C. Nicholson; W.A. Noyes; G.A. Oldershaw; G.W.W. Stevens; A.R. Todd.
- A.405 Correspondence with B.A. Thrush *re* preparation of the memoir; letters of appreciation, 1981-1982.
- A.406 Correspondence arising with Norrish's daughters, and *re* archive material of Norrish, 1982.

### Biographical and personal

- A.407 Correspondence and papers *re* preparation of revised entry for *New Dictionary of National Biography* including corrected draft of entry.
- A.408 **G. Porter**
- 7pp typescript biographical outline, with manuscript annotations by Dainton.
- A.409 **E.W.R. Steacie**
- Letter from M.C. King requesting recollections of the Canadian chemist E.W.R. Steacie, with Dainton's reply, September-October 1983.
- A.410, A.411 **J.S. Turner**
- Turner, 1908-1991, was from Sheffield and a contemporary and friend of Dainton's elder brothers. He moved to Australia in 1938 and took up a Chair in Botany and Plant Physiology at the University of Melbourne. He was described as 'the father of the conservation movement in Australia'.
- A.410 Letter to Dainton informing him of the death of Turner, with newspaper obituaries, May 1991.
- Typescripts of tributes delivered at Turner's Memorial Service, Castlemaine, Victoria, Australia, 1991.
- Obituary from *Landscape Australia* vol 3 (1991).
- A.411 'Cambridge-Castlemaine', bound volume of tributes to Turner on his 80th birthday, 1988.
- Includes contribution from Dainton at pp17-18.
- A.412-A.418 History of chemistry**
- A.412 General correspondence and papers, 1970-1993.
- A.413-A.415 Copies of material prepared by E.J. Bowen.

### Biographical and personal

- A.413 'Chemistry at Oxford', 28pp duplicated typescript.
- A.414 'The Alembic Club. The first fifty years', 19pp photocopy manuscript.
- A.415 Photocopy manuscript anecdotes and stories, mostly relating to eminent scientists.
- A.416-A.418 Published material.
- A.416 'The Cambridge University Chemical Laboratory' by F.G. Mann, *Journal of the Society of Chemical Industry*, 6 July 1928; 'The Chemistry Department of the University of Leeds' by F. Challenger, *Journal of the Royal Institute of Chemistry*, April 1953.
- A.417 'Physical chemistry in Cambridge, Massachusetts' by E.B. Wilson and J. Ross, *Annual Review of Physical Chemistry*, vol 24 (1973); 'The development of transition-state theory' by K.J. Laidler and M.C. King, *Journal of Physical Chemistry*, vol 87 (1983); 'Student participation in science teaching: the early years of the Oxford University Junior Scientific Club' by P.J. Rowlinson, *Oxford Review of Education* vol 9 (1983).
- A.418 *The Physical Chemistry Laboratory: the first fifty years* by R.F. Barrow and C.J. Danby, Oxford 1991.
- A.419-A.442 CITY OF SHEFFIELD**

A native of Sheffield, Dainton retained a great affection for the city throughout his life. He served as Chancellor of the University of Sheffield 1979-1997 (see section G) and was involved in plans for the redevelopment of the city in the 1980s and 1990s.

See also J.860-J.869 Sheffield Galleries and Museums Trust.

A.419-A.430 The Business Action Team, the Hallam Group and Sheffield regeneration

A.431-A.442 Sheffield memorabilia

**Biographical and personal**

- A.419-A.430**      **The Business Action Team, the Hallam Group and Sheffield regeneration**
- A.419, A.420      Business Action Team
- This was established in the late 1980s.
- A.419              Correspondence and papers of meetings, 1987-1988.
- A.420              Background information on the 'Sheffield Compact', a partnership involving the city's educational establishments and industry.
- A.421-A.429      Hallam Group
- This was established to further regeneration and new enterprise in Sheffield in the 1990s. Dainton was a member as Chancellor of the University.
- A.421-A.423      Correspondence and papers chiefly *re* meetings of the Group, 1995-1997.
- 3 folders.
- A.424-A.429      Printed civic promotional and publicity literature relating to Sheffield redevelopment and regeneration found with Hallam Group material.
- A.424              'A New Valley. Made in Sheffield'. Map of Sheffield Development Corporation area showing 'targetted land use areas'. 1:5000 scale, August 1992.
- A.425              'The Valley Office Initiative', Sheffield Development Corporation brochure, 1994.
- A.426              'Sheffield the Way Ahead', Sheffield City Liaison Group plan, 1994.
- A.427              'Sheffield Shaping the Future', Sheffield City Liaison Group draft plans for social regeneration, 1995.

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- A.428 'Remaking the Heart of the City. Sheffield's bid to the Millennium Commission', Sheffield City Council, revised submission November 1995.
- A.429 'Remaking the Heart of the City. Sheffield's bid to the Millennium Commission. Project Design Drawings and Estimates', Sheffield City Council, September 1996.
- A.430 Correspondence *re* twinning agreement between Sheffield and the Polish city of Lodz, 1997.
- Dainton was approached by the Deputy Major of Lodz at a Sheffield Degree Congregation.
- A.431-A.442 Sheffield memorabilia**
- A.431-A.433 Historical material relating to Sheffield and its University sent to Dainton by G.N. Critchley.
- A.431 Correspondence, 1981-1982.
- Includes Critchley's brief biographies of some eminent men of Sheffield.
- A.432 'A Short History of Fuel Technology at the University of Sheffield', typescript, *ca* 1980.
- A.433 'The origin and naming of Sheffield's dental hospital', photocopy of unidentified article, n.d.
- Untitled 26pp typescript on the development of the University and relations with the city', n.d.
- A.434-A.442 General publicity and promotional literature.
- A.434 'The Quality of Sheffield', Sheffield Chamber of Commerce, 1933.
- A.435 'The Company of Cutlers in Hallamshire in the County of York', *ca* 1930s.

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- A.436 'City of Sheffield', Sheffield Publicity Department, ca 1975.
- A.437 'Sheffield. City on the Move', City of Sheffield, ca 1975.
- A.438 'This is Sheffield!', 1970s.
- A.439 'Sheffield comes to London', supplement in *The Star* newspaper, 23 May 1988.
- A.440 'Sheffield', folder of publicity material, 1989.
- A.441 'Memory Lane. How Sheffield has changed since the war', supplement in *The Star* newspaper, 12 February 1990.
- A.442 'Sheffield Figures', Sheffield City Liaison Group, April 1997.

#### A.443-A.495

#### MISCELLANEOUS

Correspondence and papers bearing on various aspects of Dainton's life.

- |             |                                |
|-------------|--------------------------------|
| A.443-A.447 | Diary extracts                 |
| A.448-A.457 | Health                         |
| A.458-A.462 | Holidays                       |
| A.463-A.478 | Financial                      |
| A.479-A.491 | Social functions and occasions |
| A.492       | Water Eaton Lane               |
| A.493-A.495 | Memorabilia                    |

**Biographical and personal**

**A.443-A.447**

**Diary extracts**

Typescript and manuscript notes of diary entries, possibly brought together or prepared by Dainton in the course of preparing his autobiography.

A.443

1971.

A.444

1972.

A.445

1973 January-September.

A.446

Manuscript notes on entries 1970-1973.

A.447

'Diary summaries. Overseas visits'. Contents of Dainton's plastic wallet: manuscript notes.

**A.448-A.457**

**Health**

**1974-1994**

A.448

Dainton's manuscript notes etc referring to his general health, 1980s.

A.449-A.454

Correspondence and papers *re* Dainton's deteriorating eyesight and treatment thereof, 1974-1994.

Dainton took a keen interest in the scientific aspects of his ailments and treatments.

6 folders

A.449

1974-1977.

A.450

1978-1979.

A.451

1980-1983.

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- A.452 1984-1986.
- A.453 1987-1994.
- A.454 'Visual aids'. Correspondence and papers so labelled, 1977-1978.
- A.455 Manuscript notes *re* difficulties with back and legs, *ca* 1976.
- A.456 Correspondence and papers *re* hip surgery, 1995-1997.
- A.457 Correspondence with others *re* their health, 1978-1979.
- A.458-A.462                      Holidays    1934-1969**
- A.458 Pocket notebook used for notes on 'Scottish Holiday "The Cairngorms". Being details of hotels, routes, expenses etc', July 1934.
- A.459 Material *re* planned holiday in Austria, August 1963.
- A.460 Hardback pocket notebook used for journal of holiday on the continent of Europe, chiefly by Barbara Dainton but continued towards the end with entries from her husband, 12-28 August [?1964].
- A.461 Dainton's manuscript journal of 'Italian holiday 1969', 28 August-19 September 1969.
- A.462 Memorabilia from Italian holiday 1969.

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**A.463-A.478**

**Financial**

**1940-1994**

Chiefly Dainton's manuscript accounts compiled for income tax purposes, with from the 1980s, accountants' schedules. It is of interest not only in illustrating Dainton's attention to detail and careful management of this financial affairs but also indicates the range of activities (examining, lecturing, book royalties, reviewing and other 'casual fees'), apart from his salary and share and investment income from which he derived income.

The material is arranged in chronological order by financial year.

A.463-A.474

Accounts, 1940/41-1993/94.

A.463

1940/41-1949/50.

A.464

1950/51-1959/60.

A.465

1960/61-1965/66.

A.466

1966/67-1969/70.

A.467

1970/71-1973/74.

A.468

1974/75-1976/77.

A.469

1977/78-1979/80.

A.470

1980/81-1984/85.

A.471

1985/86-1987/88.

A.472

1988/89-1989/90.

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A.473 1990/91-1991/92.

A.474 1992/93-1993/94.

A.475-A.477 Correspondence *re* financial affairs, 1984-1993.  
3 folders.

A.478 Correspondence *re* purchase of faulty goods, 1990-1991.

#### **A.479-A.491 Social functions and occasions**

This material is Dainton's programmes for concerts and plays, menus for formal dinners, orders of service etc., presented in chronological order.

Dainton kept orders of service for Thanksgiving and Memorial Services separately and these are presented at the end of the main sequence (A.488-A.491).

A.479 1961-1968.

A.480 1970-1977.

A.481 1980-1984.

A.482 1990.

A.483 March 1991.

Graduation Day for students on Four Year (Dainton) course in engineering, Imperial College London.

See also F.134



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- A.493-A.495**                      **Memorabilia**    **1967-1968, ca 1995, n.d.**
- A.493                                      University of Nottingham ringback binder used for memorabilia 1967-1968.
- Press cuttings, tickets, invitations, postcards etc. have been pasted to the inside cover and to pages inserted within the binder.
- A.494                                      Humorous versions of well-known poems and songs, mostly on scientific themes. Anon, n.d.
- Duplicated typescript and manuscript.
- A.495                                      'A Periodic Prose-Poem' by Dainton, typescript draft, ca 1995.
- This appears to have been partly a book review of *The Periodic Table* by Primo Levi and partly Dainton's personal reflections on the fascination of chemistry.
- A.496-A.510**                      **DAINTON'S ARCHIVES**    **mid 1950s-2002**
- Material *re* the organisation of Dainton's own files in his lifetime, biographical material for his Royal Society memorialist and the disposition of his papers after his death.
- A.496                                      Manuscript filing plan, organised by decimal classification system, of Dainton's research notes and papers, mid 1950s.
- The subject headings are: Radiation chemistry, Polymerisation, Chain processes, Courses of lectures, General kinetics, Thermal and photochemical reactions in aqueous solution.
- A.497                                      Typescript filing plan, organised by decimal classification system, of Dainton's research notes and papers late 1950s.
- The subject headings are: Radiation chemistry (with manuscript additions and annotations indicating material taken to the Massachusetts Institute of Technology), Polymerisation, Chain reactions, Photochemistry, General kinetics, Thermal and photo reactions of mainly inorganic aqueous solutes, Apparatus, Undergraduate courses.

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- A.498 Typescript lists of contents of [?filing cabinet] drawers, latest reference 1969.
- A.499 'F.S. Dainton's papers held at 36 Charlbury Rd, OX2 6UX'. August 1996.  
14pp manuscript with manuscript note attached outlining Dainton's wishes for the papers.
- A.500 Manuscript lists of 'Non-technical lectures & talks by F.S. Dainton (1966-1978)' and 'Lectures 1978- by F.S. Dainton'.
- A.501 Typescript lists of contents of filing cabinets, boxfiles and cupboard, with manuscript note of 'Files removed to Oxford by B.H.D.', September 1999.
- A.502 Typescript list of 'PhD theses held by FSD'.  
This lists theses of Dainton and research colleagues and students. Most are from the period at Leeds and a manuscript annotation indicates that these were passed to M. Pilling in 1994.  
The Cambridge Ph.D. theses, including Dainton's, with one University of Leeds thesis, are at B.124-B.131.
- A.503, A.504 Correspondence, chiefly with the National Cataloguing Unit for the Archives of Contemporary Scientists, University of Bath and the University of Sheffield Library, about the disposition of Dainton's archives, 1988, 1995-1997.
- A.503 1988.
- A.504 1995, 1996.
- A.505 Correspondence and papers *re* archival material of Dainton at the House of Lords at the time of his death, 1998.  
Includes list of reports produced by Select Committee on Science and Technology and its Subcommittees, 1986-1998 to which Dainton contributed.

**Biographical and personal**

- A.506-A.510 Royal Society memoir  
Material assembled by Dainton for his Royal Society memorialist
- A.506 Correspondence *re* Royal Society memoir, 1990, 1992.
- A.507 'Some notes to help the person(s) charged with writing my Biographical Memoir of the Royal Society of London'. *ca* 1990s.  
4pp manuscript categorising Dainton's scientific published work.  
It refers by number to the list of 'Scientific Publications of F.S. Dainton' at A.508.
- A.508 Numbered list of 'Scientific Publications of F.S. Dainton', covering the period 1937-1977.
- A.509 List of 'A selection of publications of F.S. Dainton', 2pp typescript, latest bibliographical reference 1981.
- A.510 Dainton's accounts of his scientific work compiled in the mid 1960s.
- A.511-A.539 NON-TEXT MATERIAL 1885-1998**
- A.511 Cartoon
- A.512-A.533 Photographs
- A.534, A.535 Slides
- A.536-A.539 Tape recordings
- A.511 Cartoon 1972**
- A.511 Cartoon of Dainton by 'Horner', *Times Higher Educational Supplement*, 21 July 1972.

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### Biographical and personal

- /...
- This appeared on the first page of the THES following the publication of the White Paper *Framework for Government Research and Development* (see J.292-J.369).
- Original of cartoon; copies.
- A.512-A.533                      Photographs                      ?1885-1990s**
- Photographs of Dainton during visits and at conferences are to be found in section M.
- A.512-A.531                      Photographs of Dainton.
- A.512-A.515                      Central Secondary School for Boys' Shakespeare Society.  
See A.80-A.97.
- A.512                              Composite photograph with Dainton dressed as a Lady in *King Lear*, 1929.
- A.513                              Two (identical) postcards of Dainton dressed as a Gentleman in *Much Ado about Nothing*, 1930.
- A.514                              Composite photograph featuring Dainton in costume, ca 1930.
- A.515                              Seven photographs of members of the Society in costume.  
3 are of performances of *King Lear*. 1929.  
4 are from *King Henry IV part I*. 1931.  
Dainton does not appear to feature.
- A.516                              Three photographs from Anglo-German Friendship School.  
See A.77.  
Two of the photographs feature boys from the School (one includes Dainton); the other features the 6 teachers (3 English and 3 German).

### Biographical and personal

- A.517                      Photograph of Dainton, dated on verso 1942.  
Possibly taken on his honeymoon.
- A.518                      Two photographs of Dainton and his ARP team, Cambridge, *ca* 1944.
- A.519                      Photograph of Dainton, inscribed on verso 'First Term in Leeds 1950'.
- A.520                      Mounted photograph of Dainton inscribed 'President of Library Association  
Picture taken 1956'.
- A.521                      Colour photograph of Dainton with others, inscribed on verso 'Moscow – July  
1965'.
- A.522                      Wallet of seven informal photographs, taken 1971.  
  
1 of Dainton in doctoral robes.  
  
2 of Mary Dainton on her graduation.  
  
4 taken at Dainton family home 'Fieldside' in Oxford.  
  
Wallet also includes transparencies including five featuring Dainton outside  
Buckingham Palace on receipt of his knighthood.
- A.523                      Nine photographs of the Lord Mayor's Show, London, 1982.  
  
Each year the Lord Mayor of London processes through the City of London,  
accompanied by City of London dignitaries including the heads of the Livery  
Companies.  
  
Dainton appears in the photographs in ceremonial gowns as the Prime  
Warden of the Goldsmiths' Company.  
  
One is inscribed on verso 'FSD + Clerk of Goldsmiths'.

### Biographical and personal

- A.524                   Eleven photographs taken at ceremony marking Dainton's retirement from Chairmanship of the British Library Board, 15 November 1985.
- See A.270-A.274.
- The photographs include the unveiling by Barbara of a portrait of Dainton.
- A.525, A.526           Seventy-fifth birthday celebrations, University of Leeds, September 1989
- See A.314-A.318.
- A.525                   Group photograph (with key) of participants at 'Dainton Symposium', School of Chemistry.
- A.526                   Four photographs of presentation to Dainton.
- Three photographs of excursion to Gordale Scar, with some participants identified on verso.
- A.527                   Photograph of Dainton receiving Foreign Membership, American Philosophical Society, Royal Society, London, 16 May 1991.
- See A.319.
- A.528                   Three photographs featuring former Chairmen of the University Grants Council.
- One has inscription on verso identifying those featured and giving the place and date as St Catharine's College Cambridge, 1994. It is not certain the other two photographs were taken on the same occasion.
- Those appearing with Dainton are G. Davies, Sir Kenneth Berrill and Sir Peter Swinnerton-Dyer.
- A.529                   Photograph of Dainton in envelope inscribed: 'The pleasures of a little climbing. West Maroon Creek' [Colorado, USA]. N.d.
- A.530                   Photograph of Dainton diving into a lake. N.d.
- A.531                   Three photographs of Dainton in the Library of St John's College Oxford. N.d. but probably 1990s.

### Biographical and personal

- A.532 Three nineteenth century photographs of members of the Dainton family.  
The photographs are inscribed as follows: 'Grandpa Dainton 1885 (?)', 'Father's Mother' and 'Mother when a little girl with her father and mother'.
- A.533 Miscellaneous photographs:  
Group photograph inscribed on verso 'M/C Dept of Geography Fitzgerald in Chair, Kendrew on his right Barka inset'. N.d.  
Mounted photograph of R.G.W. Norrish. N.d.  
Photograph of Curie Medal, presented to Dainton in Wroclaw, Poland, 1983.
- A.534, A.535 Slides N.d.**
- A.534 Four photographic slides of cartoons of Dainton.
- A.535 Four photographic slides used in lecture on science policy, found in envelope annotated 'For Chapter 8'.  
One of the slides was used in Dainton's autobiography.
- A.536-A.539 Tape recordings 1987-1998**
- A.536 Audio tape cassette recording a 'conversation with Lord Dainton by D.H. Whiffen' for the Royal Society of Chemistry, 1987.
- A.537 Letter from Royal Society of Chemistry with information about the recording, June 1998.
- A.538 VHS videotape cassette recording 'Lord Dainton of Hallam Moors in interview with Lord Walton of Detchant. An interview in two parts. Oxford. May 1991'.
- A.539 Audio tape cassette supplied by University of Sheffield Ceremonies Office recording Dainton's Memorial Service, Sheffield Cathedral, 23 March 1998.  
See A.5.

<b>SECTION B</b>	<b>RESEARCH</b>	<b>B.1-B.131</b>
	B.1-B.117	DAINTON'S OWN RESEARCH
	B.118-B.123	D.E. LEA
	B.124-B.131	PH.D. THESES
<b>B.1-B.117</b>	<b>DAINTON'S OWN RESEARCH</b>	<b>1937-1972</b>
	See also B.124.	
	B.1-B.9	Notebooks
	B.10-B.117	Research folders and loose papers
<b>B.1-B.9</b>	<b>Notebooks</b>	<b>1938-1960, n.d.</b>
B.1	Notebook inscribed on front cover 'Lab Research Notes on NO <sub>2</sub> -sensitised combination of hydrogen and oxygen. Book II F.S. Dainton' and inside with Dainton's address 'Sydney Sussex College Cambridge or Dept of Physical Chemistry'.	
	The contents comprise two paginated sequences 1-206, first page dated 'Long Vac Term 1938' and 1-22, first page headed 'The Inhibition of the Photosynthesis of Phosgene' and dated 'April 1943', and a few unpaginated pages at the back.	
B.2	Notebook labelled with non-contemporary label '? World War II Research Notes'. Inscribed on first page with 'F.S. Dainton 09 Dept', address 'Univ. Chem. Lab Cambridge' and description of contents 'Abstracts of Departmental, NACA, R&M and Japanese Reports on Problems cognate to Aero Engine and Fuel Development'. Correspondence found loose at front of notebook and now at B.3 dated 1939 and 1944 (one letter only).	
B.3	Correspondence and papers found loose at the front and back of B.2.	

### Research

- B.4 Notebook inscribed on first page with 'Photochemical Switch Book II' and Dainton's name and address 'Laboratory of Physical Chemistry Free School Lane Cambridge'. Paginated 185-269 with a few unpaginated pages towards the back and dated from 'July 6<sup>th</sup> [1942]' to 'Nov 18<sup>th</sup> 1942'.
- B.5 Small format notebook used from the front for 'Research Problems I' and from the back for 'Programme's'. Also at the front is Dainton's name and address 'St Caths College Cambridge', index of problems and the date 'March 1946'.
- B.6 Small format 'filofax' loose-leaf notebook inscribed on front cover with 'Research Problems II', Dainton's name and index.
- At front of notebook are details of Dainton's research group for 1950-1951 and at the back lists of students, 1951-1960.
- B.7 Notebook with non-contemporary label 'Res Notes' on front cover. Contents relate to Cambridge Summer School on 'Phys-Chem of Reactions in Solution Aug 16-22 1953'.
- B.8 Loose paper found enclosed in preceding.
- B.9 Notebook with University of Leeds crest on front cover and first page headed 'R.M. Noyes Lectures Outline'. Presented here for convenience. N.d.
- B.10-B.117                      Research folders and loose papers                      1937-1972**
- B.10-B.23 'Notes and calculations H<sub>2</sub> / O<sub>2</sub> / NO<sub>2</sub>'. Contents of folder so inscribed: 1937-1939.
- B.10 'Correspondence on H<sub>2</sub> / O<sub>2</sub> / NO<sub>2</sub> (1) Hinshelwood - April 1938 (2) Lewis and von Elbe'. Contents of envelope so inscribed.
- B.11-B.13 'Research Notes (Exptl) H<sub>2</sub> / O<sub>2</sub> / NOCl'. Contents of envelope so inscribed divided into three for ease of reference.

### Research

- B.14-B.17 'Research Notes H<sub>2</sub> / O<sub>2</sub> / NO<sub>2</sub>/'. Contents of envelope so inscribed divided into four for ease of reference.  
  
Includes notes dated 1937-1938.
- B.18-B.23 'Calculations and Theoretical Considerations on H<sub>2</sub> : O<sub>2</sub> : NO<sub>2</sub> System Jan 1939 – August 1939'. Contents of envelope so inscribed divided into six for ease of reference.
- B.24-B.26 'Report on work carried out since October 1937'. Contents of folder so inscribed.  
  
The folder is also inscribed with Dainton's name and address: 'Phys. Chem. Lab. Cambridge'.
- B.24 Correspondence, 1939, *re* unsuccessful application to Ramsay Memorial Fellowship Trust, 1939.
- B.25 'Report of work carried out in the Physical Chemistry Laboratory, Cambridge since October 1937' on 'Sensitised Explosions', 26pp typescript.
- B.26 'The Reaction between Hydrogen and Oxygen sensitised by Nitrogen Peroxide', 3pp typescript 'Copy of letter sent to "Nature" May 30th 1939'.  
  
'Graphs relating to the H<sub>2</sub> : O<sub>2</sub> : NO<sub>2</sub> System'.
- B.27 Contents of untitled folder: manuscript and typescript drafts, letter, *re* 'Foord-Bourdon Gauge'. 1938-1939.
- B.28-B.42 Extramural wartime reports by Dainton. 1939-1946  
  
See also B.43-B.70.
- B.28 List of reports by Dainton. Includes reports for Air Ministry, Distillers, Ministry of Aircraft Production, Ministry of Supply, Venner Time Switches Ltd, etc.

## Research

- B.29                      Air Ministry.
- Report on 'The Chemical Aspects of the Inflammability of Kite Balloons' by R.G.W. Norrish, P.G. Ashmore, Dainton and J.D. Reagh.
- 25pp typescript of report incorporating figures dated 14 December 1939.
- B.30                      Distillers.
- 'Measurement of dielectric constant & power factor'. Contents of folder so inscribed: 18pp typescript with the same title as folder, no author. N.d. [1940].
- Dainton wrote a report on 'The measurement of Power Factor and Dielectric Loss' with Ashmore and Nicholson for Distillers.
- B.31-B.33                Ministry of Supply Advisory Council on Scientific Research and Technical Development.
- Sub-Committee I of the Incendiary Projectiles Committee.
- Reports 1943-1944.
- B.31                      Report on 'Visit to Orfordness Research Station' by Dainton. Received 3 June 1943. A.C.4142.
- 4pp duplicated typescript.
- Report on 'Experiments on burning duration by P.I.G.' by A.I. McMullen and Dainton. Received 27 July 1943. A.C.4474.
- 3pp duplicated typescript + figures.
- B.32                      Report on 'Trials of two further types of phosphorus incendiary fillings in 20 mm. S.A.P/I. at Swynnerton, 26 July 1943' by McMullen and Dainton. A.C. 4487.
- 2pp duplicated typescript.
- 'Interim report on P.I.G. as an incendiary filling for S.A.A. (0.5" and 2 mm. calibres) by R.G.W. Norrish, McMullen and Dainton. Received 20 October 1943. A.C.4945.
- 5pp duplicated typescript.

### Research

- B.33 Report on 'The Mechanism of the Ignition of AMVO' by Dainton and McMullen. Received 27 January 1944. A.C.5599.  
4pp duplicated typescript + graph.  
Manuscript draft + graph.
- B.34-B.42 Ministry of Supply Advisory Council on Scientific Research and Technical Development.  
Pyrotechnics, Initiators, Fuze Powders and Incendiary Compositions Sub-Committee.  
Reports, 1944-1946.
- B.34, B.35 Report on 'The chemical reactions occurring in smoke compositions containing chlorinated hydrocarbons Part I' by Dainton and K.J. Ivin. Received 14 December 1944. A.C. 7530.
- B.34 21pp duplicated typescript + figures.
- B.35 47pp typescript. N.d.
- B.36 Report on 'Analysis of residue and smoke produced on burning smoke composition P.N. 314' by Dainton. Received 19 February 1945. A.C.7830.  
2pp duplicated typescript.
- B.37-B.39 Report on 'The chemical reactions occurring in smoke compositions containing chlorinated hydrocarbons Part II' by Dainton and Ivin. Received 5 May 1945. A.C. 8419.
- B.37 15 duplicated typescript + figures.
- B.38 30pp typescript + 2pp typescript addendum. N.d.

### Research

- B.39 Interim report by Dainton with covering letter from R.G.W. Norrish dated 9 March 1945 and 2pp manuscript notes headed 'Points from PIF sub cttee : 25-4-45'. Found with typescript copy of Report Part II.
- B.40, B.41 Report on 'The chemical reactions occurring in smoke compositions containing chlorinated hydrocarbons Part III ...'. By Dainton and K.J. Ivin. Received 15 February 1946. A.C.8906.
- B.40 37pp typescript.
- B.41 19pp duplicated typescript.
- B.42 Report on 'The chemical reactions occurring in smoke compositions containing chlorinated hydrocarbons Part IV ...'. By Dainton and K.J. Ivin. Received 15 February 1946. A.C.8907.
- 8pp typescript.
- 4pp duplicated typescript.
- B.43-B.49 Contents of untitled folder divided into seven for ease of reference: correspondence, manuscript notes and drafts, duplicated reports etc *re* report prepared by Dainton and J.C. Bevington on 'The effect of phosphorus on 100-octane fuel'. 1940-1943.
- The papers are presented in the order found within the original folder.
- B.50-B.54 'Photochemical Switch Graphs'. Contents of folder so inscribed: 1941-1944
- Folder also labelled with non-contemporary label 'F.S.D. Photochemical Switch Cambridge'.
- Contents presented in order found within the folder.
- B.50 Graphs, 1942, 1944, most undated.
- B.51 Contents of folder (found within larger folder) inscribed 'Graphs of Pressure Changes of Exposure of NOCl to Daylight': graphs, August 1942.

### Research

- B.52                      Graphs, data found clipped together, first page titled 'Vapour and Pressure of Nitroxyl Chloride', 1942-1943.
- B.53                      Graphs found clipped together with wrap-around sheet inscribed 'Graphs: NOCl photoly (Sept 1941 - ?)'.  
  
The wrap-around sheet is a fire-watching duties rota issued under Dainton's name and dated 25 July 1941.
- B.54                      Graphs, 1941-1942.
- B.55                      'Progress Report on Photochemical Switches September 16th, 1942'.  
Contents of folder so inscribed: 23pp typescript with same title as folder.
- B.56                      'Correspondence on Switch'.      Contents of folder so inscribed:  
correspondence and papers, 1942-1943.  
  
Dainton's correspondent is S.P. Kendon, Electrical Engineer of Venner Time Switches Ltd, New Malden, Surrey.  
  
Relates to work on gauges filled with NOCl.
- B.57-B.64                Contents of untitled folder divided into eight for ease of reference: typescript and manuscript notes, graphs etc, 1942-1943.  
  
Relates to work on gauges filled with NOCl.
- B.65-B.70                Contents of untitled folder divided into six for ease of reference: notes and drafts, correspondence, duplicated reports, etc., 1943-1946.  
  
Includes manuscript, typescript and duplicated typescript copies of report by Dainton and A.I. McMullen on 'The Ignition of A.M.V.O. in Self-sealing Tanks'.
- B.71-B.74                Contents of untitled folder divided into four for ease of reference: manuscript notes on the literature, off-prints etc., latest bibliographical reference, 1948.  
  
At B.72 is an incomplete typescript draft of 'Lecture III More detailed consideration of particular aspects of Energy Transfer between moving particles and an absorbing medium'. N.d.

### Research

- B.75-B.78 Manuscript notes and drafts, correspondence, off-prints etc found enclosed within Tennessee Valley Authority (TVA) Chemical Engineering Report no.8 'Phosphorus Properties of the Element and Some of its Compounds', 1950.
- 4 folders.
- B.75 Copy of TVA Report.
- B.76 Manuscript notes and drafts, graph, off-print 1929 found enclosed within off-print 'A Spectroscopic Study of the Luminescent Oxidation of Phosphorus' by H.J. Emeleus and W.E. Downey, *Journal of the Chemical Society*, 1924.
- B.77 Correspondence, 1946, 1948.
- B.78 Manuscript notes and drafts *re* phosphorus, proof of paper on 'The Oxidation and Inflammation of Yellow Phosphorus' by Dainton and Bevington, *Faraday Trans.* 1945, etc.
- B.79 Contents of untitled folder: correspondence and papers *re* polymerisation etc, 1949-1956.
- B.79A Manuscript notes found clipped together on 'Colour centres in Ionic Solids' and 'Ionising Radiation on Vitreous Solids'.
- The notes relate to the work of J. Rowbottom.
- B.80-B.85 'RAD<sup>N</sup> IONIC POLYM'. Contents of folder so labelled divided six into for ease of reference: notes, drafts, correspondence, student softback notebook, off-prints, etc, 1959-1961.
- Relates to work of G. Palma.
- The papers at B.83-B.85 were found loose at the front of the notebook.
- B.86-B.88 'AQ POLYM<sup>N</sup>'. Contents of folder so inscribed divided into three for ease of reference: notes, drafts, data, off-print etc *re* aqueous polymerisation, emulsion polymerisation etc, 1959-1963, n.d.
- Includes notes for talks and lectures.

### Research

- B.89 Contents of folder stamped 'F.S. Dainton School of Chemistry The University Leeds, 2'.  
  
Manuscript and typescript notes and drafts including 'Points from Kondratiev "Energy Exchange in Interactions between Ions and Molecules" RIC [Royal Institute of Chemistry] Lecture 1960 No 3 (Humphry Davy Lecture)'.
- B.90-B.93 'P.J. Reilly'. Contents of folder so inscribed divided into four for ease of reference: manuscript and typescript drafts, correspondence, off-prints, etc., 1962-1964.  
  
Reilly was based at the University of Leeds High Energy Radiation Laboratory, Cookridge Hospital, Leeds until September 1963.
- B.94-B.101 Contents of untitled folder divided into eight for ease of reference: correspondence, manuscript notes, off-prints etc *re* research at the University of Leeds Cookridge High Energy Radiation Centre, Cookridge Hospital, Leeds. 1965-1970, n.d.  
  
Dainton was Honorary Director after he moved to the University of Nottingham as Vice-Chancellor.
- B.102, B.103 Contents of untitled folder divided into two for ease of reference: manuscript notes on 'diffusion in liquids', 'viscosity and diffusion' etc, 1970-1971.
- B.104 Contents of envelope addressed to 'Prof. Dainton from:- M.R. Topp'.  
  
Two typescript papers sent to Dainton with covering note dated 7 December 1972:  
  
'Biphotonic excitation of the fluorescence of picosecond transients', 5pp typescript with manuscript additions and corrections.  
  
'Mode-locking control using multiphoton absorption', 13pp typescript with manuscript additions and corrections + list of references and figures.
- B.105-B.115 Miscellaneous shorter notes and drafts, 1947-1972, n.d.  
  
The sequence includes a little correspondence.  
  
For photographs see B.111, B.115.
- B.105 1947-1950.

**Research**

B.106	1951.	
B.107	1953-1954.	
B.108	1955-1958.	
B.109	1960-1965.	
B.110	1967.	
B.111	1971-1972.	
B.112-B.115	N.d. 4 folders.	
B.116, B.117	Annotated off-prints, 1950, 1967-1972. 2 folders.	
<b>B.118-B.123</b>	<b>D.E. LEA</b>	<b>1943-1949</b>
	B.118-B.120	Notebooks
	B.121-B.123	Notes and correspondence

Lea was based at the Strangeways Research Laboratory, Cambridge. Dainton contacted Lea after reading his *Actions of Radiations on Living Cells*, 1946. Lea died young and after his death Dainton was given access to his notebooks. See Dainton's autobiography *Doubts and Certainties*, p.107.

## Research

- | <b>B.118-B.120</b> | <b>Notebooks</b>   | <b>1943-1949</b> |
|--------------------|--|------------------|
| B.118              | <p>Notebook no XVI inscribed inside front cover with Lea's name and address at the Strangeways Laboratory and the period covered 'July 1943 - November 1944'.</p> <p>Index on first two pages and contents paginated [1]-119.</p> <p>Includes work with <math>\gamma</math>-rays, 'Big X-ray set', 'small X-ray set' etc.</p> <p>Enclosed loose at the front of the notebook is carbon copy of letter from [?Dainton] to C.B. Allsopp, Physics Department, Medical School, Guy's Hospital London, 6 May 1949. The letter begins 'I am glad you have received Lea's notes'.</p> |                  |
| B.119              | <p>Notebook no XVII inscribed inside front cover with Lea's name and address and period covered 'Nov 1944 - June 1945'.</p> <p>Index on first two pages and contents paginated 1-78.</p> <p>Includes work with <math>\gamma</math>-rays, 'Big X-ray set', 'small X-ray set' etc.</p>   |                  |
| B.120              | <p>Notebook no. XVIII inscribed inside front cover with Lea's name and address and period covered 'June 1945 - June 1946'.</p> <p>Index on first two pages and contents paginated 1-83.</p> <p>Includes work with <math>\gamma</math>-rays, 'Big X-ray set', 'small X-ray set' etc.</p>  |                  |
| <b>B.121-B.123</b> | <b>Notes and correspondence</b>  | <b>1943-1946</b> |
|                    | <p>Paginated sequences of notes and correspondence.</p> <p>Lea's correspondents are W.M. Dale and J. Weiss.</p> <p>3 folders</p>   |                  |

## Research

**B.124-B.131                      PH.D. THESES                      1940-1970**

A list of the theses of Dainton's research students is at A.502. With the exception of the thesis at B.131, those completed for the University of Leeds were passed to M. Pilling, University of Leeds, in 1994.

The theses presented here are (with the one exception), presented to the University of Cambridge. The set includes Dainton's Ph.D. thesis.

- B.124                      'The Mechanism of Gaseous Explosion', F.S. Dainton, University of Cambridge, 1940.
- B.125                      'Copolymerisation of sulphur dioxide and olefin' by K.J. Ivin, University of Cambridge, 1948.
- B.126                      'Some reactions of Chlorine Atoms and Coci Radicals', W.G. Burns, University of Cambridge, 1949.
- B.127                      'The Oxidation Kinetics and Vapour Pressure of Phosphorous' by H.M Kimberley, University of Cambridge, 1949.
- B.128                      'Chemical Action produced in Water by Ionising Reactions', E. Collinson, University of Cambridge, 1951.
- B.129                      'Photochemical Electron Transfer Reactions', D.G.L. James, University of Cambridge, 1952.
- B.130                      'The Radiation Chemistry of Water', J. Rowbottom, University of Cambridge, 1953.
- B.131                      'The Quenching of Triplet States of Aromatic Compounds by Metal Chelates', University of Leeds, 1970.

**SECTION C                      UNIVERSITIES OF OXFORD AND CAMBRIDGE                      C.1-C.122**

C.1-C.98                      EARLY UNIVERSITY CAREER

C.99-C.122                      DR LEE'S PROFESSOR, OXFORD

**C.1-C.98                      EARLY UNIVERSITY CAREER                      1937-1950, 1989**

A student at St John's College, Oxford, Dainton graduated with a first class honours degree in chemistry in 1937. He then became a research student at Cambridge, Senior Student, 1939, University Demonstrator in Chemistry, 1944 and H.O. Jones Lecturer in Physical Chemistry, 1946.

The material presented here relates principally to teaching.

C.1-C.4                      'Thesis on "The Spectroscopy and Photochemistry of the Alkyl Nitrites, Nitro compounds and nitrates" submitted by Frederick Sydney Dainton Casberd Scholar of St. John's College, Oxford, in supplication for the degree of B.A., Final Honours School of Chemistry (Part II), and for the degree of B.Sc.'

Contents of large envelope divided into four for ease of reference: manuscript drafts, *ca* 1937.

C.5                      Bound copy of thesis, *ca* 1937.

C.6, C.7                      Contents of large envelope divided into two for ease of reference: manuscript notes and drafts *re* thesis, *ca* 1937.

C.8-C.26                      'F.S. Dainton Univ. Chem. Lab Cambridge'. Contents of binder so inscribed: manuscript, typescript and duplicated notes including notes found loose within covers of three notebooks, 1937-1944.

C.8                      Manuscript and typescript notes, found clipped together, for lectures on general physical chemistry, 1940-1942.

C.9-C.11                      Manuscript notes and duplicated typescript *re* electrochemistry, 1941.  
3 folders.

### Universities of Oxford and Cambridge

- C.12-C.17 '5 Lectures on K[inetic] Th[eor]y'. Manuscript notes found loose between covers of notebook so inscribed, 1943-1944.
- There are notes for six lectures.
- 6 folders.
- C.18-C.23 'Lectures on Chemical Kinetics and Chain Reactions and Photochemistry'. Manuscript notes and drafts, off-print etc., found loose between covers of notebook so inscribed, 1937-1944.
- 6 folders.
- At C.22 are drafts on the 'Hydrogen-Chlorine Reaction' from Dainton's time as a student at St John's College, Oxford.
- C.24, C.25 'Lectures on General Chem. to Part I 1945. F.S. Dainton'. Manuscript notes paginated 1-53 etc., found loose between covers of notebook so inscribed, 1945.
- 2 folders.
- C.26 Miscellaneous papers, 1944 and n.d.
- C.27-C.32 'Demonstration Notes'. Contents of folder so inscribed divided into six for ease of reference: manuscript notes, duplicated sheets *re* physical chemistry practical classes etc
- Dates on the folder (retained at C.27) suggest papers were in use 1939-1942.
- C.33 'Where is it?' notebook inscribed inside at front with Dainton's name and address at the Physical Chemistry Laboratory, Cambridge and 'Supervision Lectures Demonstration } Lent 1941'.
- C.34-C.38 'T.S. Theory'. Contents of folder so inscribed: manuscript notes and drafts, 1941 and n.d.
- C.34 Includes notes *re* 'Transition State Theory', n.d.

### Universities of Oxford and Cambridge

- C.35 'Some Simple Statistical Theorems and Applications F.S. Dainton', n.d.
- C.36 'Some Points from Eyring, Glasstone & Laidler "Theory of Rate Processes" ', n.d.  
*The Theory of Rate Processes* was first published in 1941.
- C.37 'Homogeneous Gas Reactions'.
- C.38 'Reactions in Solution' dated 'Trinity '41'.
- C.39-C.44 Contents of folder divided into six for ease of reference: manuscript notes for 'Part I' lectures, 1941-1945.  
Includes 'Norrish's 2<sup>nd</sup> Lecture Oct 14<sup>th</sup> 1944' (C.39) and 'Norrish Lecture to Part I : Oct 26<sup>th</sup> 1944' (C.40).
- C.45 'Practical Physical Chemistry for Part I Natural Sciences Tripos'.  
Title page and 22pp duplicated typescript, n.d.
- C.46 'Practical Physical Chemistry for Part I Natural Sciences Tripos Revised Sept. 1943'.  
Title page and 22pp duplicated typescript with manuscript additions and revision.
- C.47 'Practical Physical Chemistry for Part I Natural Sciences Tripos Revised Sept. 1944'.  
Title page and 22pp duplicated sheets with manuscript additions and revision.
- C.48 'Tabulated Results for Part I Phys. Chem. Practical Class Mich. 1942'.  
Manuscript record 'compiled by F.S. Dainton Sept 29<sup>th</sup> 1942'.

### Universities of Oxford and Cambridge

- C.49-C.52                    Contents of folder divided into four for ease of reference: manuscript notes, correspondence, duplicated sheets etc *re* demonstrations, practical work etc., 1944-1947.
- Dainton's correspondence, August 1945, refers to 'a slight accident in the laboratory involving the loss of the index finger of my left hand'. See C.50.
- C.53-C.59                    Contents of folder divided into seven for ease of reference: notes for lectures on chemical thermodynamics, off-prints etc., 1944-1950.
- C.60-C.68                    Contents of folder divided into nine for ease of reference: manuscript notes, duplicated sheets etc *re* lectures on thermodynamics etc, 1945-1950.
- C.69, C.70                    Student record cards for experimental work, 1946.
- 2 folders.
- C.71-C.74                    Contents of folder divided into four for ease of reference: notes for lectures on catalysis, heterogeneous reactions and photochemistry, etc., 1947-1950.
- C.75-C.77                    Notes for lectures on surface chemistry and colloids, 1947, 1949.
- 3 folders.
- C.78-C.81                    'Dr F.S. Dainton Demons 1947 Mich'. Contents of folder so inscribed divided into four for ease of reference: duplicated typescript *re* practical physical chemistry for Part I Natural Sciences Tripos.
- C.82-C.85                    Contents of binder divided into four for ease of reference: duplicated typescript etc *re* practical physical chemistry for Part I Natural Sciences Tripos, 1948.
- C.86                            'Experiment 11A The Photochemical Oxidation of Potassium Iodide'. Contents of folder so inscribed: typescript note on experiment, etc., n.d.

### Universities of Oxford and Cambridge

- C.87                    Contents of folder. Duplicated typescript note for 'Summer School in Physical Chemistry Cambridge 1947' on 'An experimental determination of the radius of glycine molecule in solution'.
- Also found loose in folder are duplicated notice for 'Chain Reactions' lectures given by Norrish and Dainton and duplicated sheet headed 'The Physics and Chemistry of Rubber Solids Practical Experiments'.
- Contents of folder. Duplicated typescript note for 'Summer School in Physical Chemistry Cambridge 1947' on 'An experimental determination of the strength of the hydrogen bond in solution'.
- C.88                    Contents of folder. Duplicated typescript note on experiment 'Examination of Surfaces. Optical Interference Methods', n.d.
- Contents of folder. Duplicated typescript note on experiment 'The Detonation of Liquid Explosives by Impact', n.d.
- C.89                    Contents of folder. Duplicated typescript note on experiment 'The Boundary Lubrication of Metal Surfaces', n.d.
- Contents of folder. Duplicated typescript note on experiment 'Measurement by Tracer Methods of the Surface Contours of Metals and of the Damage Produced by Sliding', n.d.
- C.90                    Contents of folder. Duplicated typescript note on experiments 'Hot Spots Produces by Frictional Heating', n.d.
- Contents of folder. Duplicated typescript note on experiments 'Electromagnetic Surface Analysis: Surface Damage of Clean and Lubricated Metals'.
- C.91                    Contents of folder. Duplicated typescript note on experiment 'The Oxidation of Aqueous Sodium Sulphite by Atmospheric Oxygen', n.d.
- C.92                    Contents of folder. Duplicated typescript note on experiment 'The Oxidation of Yellow Phosphorus', n.d.
- C.93                    Contents of folder. Duplicated typescript note on experiment 'The Polymerisation of Formaldehyde', n.d.

### Universities of Oxford and Cambridge

C.94 Contents of folder. Duplicated typescript note on experiment 'The Polymerisation of Styrene Catalysed by Dibenzoyl Peroxide', n.d.

C.95-C.98 Miscellaneous papers including papers *re* teaching, a little correspondence and club membership booklets, 1937-1948, 1989.

4 folders.

Letter, 1942, is from the headmaster of the High Storrs Grammar School for Boys, formerly the Central Secondary School for Boys, Dainton's old School (C.95).

Letter, 1989, thanks Dainton for giving the writer so much insight into pre-war Cambridge and considers some remarks of C.P. Snow (C.95).

**C.99-C.122**

**DR LEE'S PROFESSOR, OXFORD**

**1953-1973**

Dainton was Dr Lee's Professor of Chemistry, Oxford University, 1970-1973. The material presented here relates almost entirely to university teaching.

C.99-C.108

'Oxford: 1<sup>st</sup> Yr: Intro<sup>n</sup> to Reaction Kinetics + Slides'. Contents of folder so labelled divided into ten for ease of reference: manuscript notes, duplicated sheets, slides, etc. *re* Dainton's lectures at Oxford 1971-1972 including material dating from his years at Leeds. 1953-1972.

C.109-C.113

'Oxford: 3<sup>rd</sup> Yr Odd el[ectron] Species'. Contents of folder so labelled divided into five for ease of reference: manuscript notes, duplicated sheets, etc *re* Dainton's lectures at Oxford 1971-1972 including material dating from his years at Leeds. 1962-1972.

C.114-C.116

'Oxford Circus: 3<sup>rd</sup> Yr: Chemistry of the Electron'. Contents of folder so labelled divided into three for ease of reference: manuscript notes, duplicated and photocopied typescript, etc *re* Dainton's lectures at Oxford, including notes for lectures at Chemical Society meeting, Gordon conference and in Japan, 1970-1973.

### Universities of Oxford and Cambridge

- C.117-C.120 'Oxford Circus: 3<sup>rd</sup> Yr: Diffusio<sup>n</sup> Contr[?] and Relax<sup>n</sup> + some slides'. Contents of folder so inscribed divided into four for ease of reference: manuscript notes and duplicated and photocopied typescript, slides etc *re* Dainton's lectures at Oxford, including notes for lecture in Japan, 1956, 1971-1973.
- C.121 Manuscript notes and duplicated typescript *re* lectures, 1971, 1973.  
Includes note for second year lecture on radiation chemistry.
- C.122 Miscellaneous papers *re* the Luncheon Club 'invented in the winter of 1925 by Austin Lane Poole (St John's)', 1993-1997.  
Includes letter to Dainton from Poole's daughter, 1993.

**SECTION D                      UNIVERSITY OF LEEDS                      D.1-D.97**

D.1-D.64	TEACHING
D.65-D.85	RESEARCH
D.86-D.94	COOKRIDGE HIGH ENERGY RADIATION CENTRE
D.95-D.97	FRESHERS' CONFERENCES

**D.1-D.64                      TEACHING                      1939-1970**

The teaching material presented here predominantly relates to Dainton's years at the University of Leeds, 1950-1965. However, there is some earlier lecture notes from Cambridge and a little later material which may relate to Dainton's return to university teaching as Dr Lee's Professor of Chemistry, University of Oxford, 1970-1973, after the period as Vice-Chancellor, University of Nottingham, 1965-1970.

D.1-D.6	'Leeds Courses'. Contents of folder so labelled: duplicated typescript course synopses for undergraduate chemistry courses, correspondence, etc, 1959-1960 - 1969-1970.
D.1, D.2	Course synopses, 1959-1960 - 1961-1962. 2 folders.
D.3, D.4	Course synopses, 1968-1969 - 1969-1970. 2 folders.
D.5	Course synopsis, n.d.
D.6	Correspondence between Dainton, Vice-Chancellor, Nottingham University and P. Gray, Professor of Physical Chemistry at Leeds, <i>re</i> undergraduate chemistry courses at Leeds.

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- D.7-D.17 Kinetics courses, 1947-1970.
- D.7 Contents of untitled folder: duplicated typescript synopses, bibliography, references, problems etc for kinetics sections of courses, 1959-1960 - 1964-1965.
- D.8-D.12 'Kinetics 4 CH-P old S<sub>3</sub> course 1<sup>st</sup> Term 1963-4'. Contents of folder: manuscript notes and drafts for lectures; duplicated sheets, etc, 1947 - 1963-1964.
- D.8-D.10 Manuscript notes found clipped together from Cambridge and Leeds, 1947-1958  
  
3 folders.
- D.11 Manuscript draft for lectures on 'Selected Topics in Reaction Kinetics', 1951.
- D.12 Manuscript notes for lectures on 'Free-Radical Chemistry' at Shrivenham, July 1963.  
  
Duplicated typescript sheets including '4 CH-P Course 1963-4 Kinetics Problems'.
- D.13-D.16 'Kinetics 4 CH - P old S<sub>3</sub> course 2<sup>nd</sup> Term 1963-4'. Contents of folder so inscribed divided into four for ease of reference: manuscript notes for lectures, duplicated typescript synopses and off-prints, 1959-1964 - 1965.
- D.17 Report of Chemical Society Molecular Beam Kinetics Group, September 1970. Found with kinetics teaching material.  
  
The group reported on the future of molecular beam research in the UK.
- D.18-D.21 'R-C [Radiation Chemistry] Lectures M.I.T [crossed out] 1959 Leeds'. Contents of folder so inscribed: 1957-1960.
- D.18 Manuscript notes for lecture to Frankland Society, 15 November 1957.  
  
Manuscript notes for lectures to Summer School 'Sept 15<sup>th</sup> /17<sup>th</sup>'.  
  
Manuscript notes headed 'Semi-quantitative Treatment', n.d.

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- D.19 Manuscript notes for 'P.G. Course "Radiation Chemistry" 2<sup>nd</sup> 1957/8'.
- D.20 Manuscript notes for postgraduate course in 'Rad<sup>n</sup> Chemistry: Inorganic Systems'. The date 13 May 1960 has been added in red ink on the first page.
- D.21 Typescript notices for 'Lectures by F.G. Dainton' dated 8 April 1959 and 'Some Topics in Reaction Kinetics', n.d.
- D.22-D.27 'Baker Lectures Notes on R-C'. Contents of folder so inscribed: manuscript notes, duplicated typescript etc., 1959-1973.
- D.22 Manuscript notes for lectures, probably given by Dainton in the USA in March-April 1959.
- D.23 Manuscript notes for Dainton's Baker lectures on Radiation Chemistry at Cornell University, Ithaca, New York, 1961. See also D.73 and L.42.
- D.24 Miscellaneous notes and drafts *re* lectures, including notes for 'P-G R-C lecture 15/10/64'.
- D.25 Duplicated typescripts *re* Advanced Course on Radiation Chemistry, 1962-1963 and 1964.
- D.26, D.27 Printed material, 1962-1973.  
2 folders.
- D.28-D.30 Contents of untitled folder divided into three for ease of reference: manuscript notes, duplicated typescripts etc *re* Advanced Course on Radiation Chemistry, etc., 1959-1970
- D.31-D.37 'Spectroscopy course Leeds 1955-'. Contents of folder so labelled: manuscript notes and drafts, typescript notices, etc, 1943-1964.

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- D.31 Manuscript notes headed 'Spectroscopy in S<sub>3</sub> course' found clipped to manuscript draft headed 'S<sub>3</sub> course 1955/6' and 'Spectroscopy'.
- D.32 Typescript notices 'to Students in Year 3-CH', one dated '20/4/64' found attached to manuscript notes for lecture on electronic spectra.
- D.33-D.36 Contents of folder (found within larger folder) inscribed 'The Foord – Bourdon Gauge with typical calibration curves' and 'Lectures on Qu Th. and Spectra', divided into four for ease of reference: typescript outline '10 Lectures in Spectroscopy delivered in S3 course. November-December 1954' and manuscript notes and drafts for lectures, 1943-1944.
- D.37 Manuscript notes with paper attached inscribed '13.9.58 S<sub>3</sub> Spectroscopy notes borrowed by P.B. Ayscough'.
- D.38, D.39 'S<sub>3</sub> Stat Mech'. Contents of folder so inscribed divided into two for ease of reference: off-print, manuscript notes, duplicated manuscripts and typescripts *re* S<sub>3</sub> course on statistical thermodynamics, 1950 - 1961-1962.
- D.40-D.42 Contents of untitled folder: manuscript notes, duplicated typescript, off-prints *re* statistical thermodynamics course, 1947-1953.
- D.40 Duplicated typescript 'S3 Course, 1954/5: Questions on Statistical Thermodynamics'; off-prints, 1947-1951.
- D.41 Manuscript notes and drafts for lectures found clipped together for course on statistical thermodynamics, 1952 and 1953.
- D.42 Manuscript notes for lectures headed 'S<sub>3</sub> Course Jan - Mar 1953'.
- D.43-D.45 Contents of untitled folder divided into three for ease of reference: manuscript notes and drafts, duplicated typescript *re* course on statistical thermodynamics, 1954-1955 - 1964-1965.
- D.46-D.51 'S<sub>3</sub> Seminar'. Contents of folder so inscribed: manuscript notes, etc, 1939-1965.

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- D.46 Includes notes for 1961 seminar on examination technique and letter, 17 January 1962.
- D.47, D.48 Contents of untitled folder (found within larger folder) divided into two for ease of reference: off-print, 1950, notes for seminars, 1962-1965.
- D.49-D.51 Contents of untitled folder (found within larger folder) divided into three for ease of reference: examination questions for Part II Natural Sciences Tripos, 1939; off-prints, 1950, 1951; manuscript notes, duplicated typescript etc for seminars, 1953-1963.
- D.52-D.56 'Postgraduate courses'. Contents of folder so inscribed divided into five for ease of reference: duplicated typescript notices, etc, 1951-1952 - 1964-1965.
- D.57, D.58 'Postgraduate Course Synopses'. Contents of folder so inscribed divided into two for ease of reference: duplicated typescript notices, 1957-1958 - 1964-1965.
- D.59-D.64 Miscellaneous notes etc *re* lectures, 1958-1965 and n.d.  
  
6 folders.

**D.65-D.85**

**RESEARCH**

**1951-1969**

The material presented here is principally the contents of Dainton's folders relating to research in the Department of Physical Chemistry, Leeds. The contents of folders is presented in the order found.

D.65-D.71

- 'Research 1959/60  
(a) Suggested Problems  
(b) People - names  
    - finance  
    - rooms  
    - date of arrival  
    - status'

Contents of folder so inscribed: manuscript notes and drafts, duplicated typescript etc, 1951-1959.

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- D.65 Manuscript notes including 'Aq. Solution Kinetics Programme Sept 1959' and 'Non Aqueous Polymerisation Programme 1959/60'.
- D.66 Manuscript notes *re* radiation chemistry programme, problems etc, 1952-1953 - 1958-1959.
- D.67 Contents of untitled folder (found within larger folder): duplicated typescript list of physical chemistry staff, 1956-1957 and manuscript notes headed 'Aqueous Polymerisation Studies 1956/7' and 'Aqueous Polymerisation Studies 1957/8'.
- D.68, D.69 Contents of folder inscribed 'Aq. Soln of Biol Solutes' (found within larger folder) divided into two for ease of reference: manuscript notes and drafts and duplicated typescript *re* 'Aqueous Radical Studies', 'Future Systems for Investigation in Fields of Electron Transfer', 'Problems in Radiochemistry' etc., 1953 - 1957-1958.
- D.70, D.71 Contents of untitled folder (found within larger folder) divided into two for ease of reference: manuscript notes etc *re* research problems, 1951 - '1957/8/9'.
- D.72-D.77 Contents of untitled folder: manuscript notes, duplicated typescript, off-prints etc found in three folders within the larger folder, 1952-1963
- D.72, D.73 Contents of untitled folder (found within larger folder) divided into two for ease of reference: manuscript notes, duplicated typescript, off-prints, including material *re* Baker Lectures, Cornell University, Ithaca, New York, 1961.
- D.74, D.75 Contents of untitled folder (found within larger folder) divided into two for ease of reference: manuscript notes, etc *re* research programme, research students, etc., 1952-1956.
- D.76, D.77 'Research Problems 1962-3 as modified for 1963-4'. Contents of folder so inscribed (found within larger folder) divided into two for ease of reference: manuscript notes, 1959-1963.

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- D.78-D.81 'Notices to intending P-C [Physical Chemistry] Research Stud[ents] 1962'. Contents of folder so inscribed divided into four for ease of reference: duplicated typescript notices *re* research in the physical chemistry and inorganic and structural chemistry departments, 1953-1954 - 1969.
- D.82-D.84 'Photo- and Rad- Chem. Group 1963-4'. Contents of folder so inscribed divided into three for ease of reference: manuscript notes and drafts, duplicated typescript *re* work of the photo- and radiation chemistry group, 1956-1957 - 1965-1966.
- At D.83 is duplicated typescript headed 'To our Russian Colleagues: Oct 26 1964 Radiation Chemistry at the University of Leeds'.
- D.85 'Summary of Research Applicants Finance'. Contents of folder so inscribed: manuscript notes etc, 1963-1964.
- D.86-D.94                      COOKRIDGE HIGH ENERGY RADIATION CENTRE                      1956-1997**
- D.86-D.89 'Various Opening Ceremonies at Cookridge'. Contents of folder so labelled, 1956-1997.
- D.86 Programme for opening ceremony, High Energy Radiation Unit, Cookridge Hospital, Leeds, 15 May 1956.
- University of Leeds Department of Physical Chemistry Radiation Research with the 3 Million Volt Van de Graaf Electron Accelerator at Cookridge.
- 3pp leaflet, n.d.
- Photograph of 1000 Curie Radiocobalt Unit in Chemistry Position', n.d.
- D.87 Programme for Cookridge Hospital Extensions Opening Ceremony, 26 October 1967.
- Cookridge Hospital New Development brochure, 1967.
- Letter *re* Cookridge new development, 6 November 1967.

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D.88 'Opening of the Spiers Wing and New Radiation Centre', Cookridge Hospital, 17 May 1994.

5pp typescript of Dainton's speech on the occasion.

Obituary of F.W. Spiers by J.W. Boag, sent to Dainton, 3 November 1994.

D.89 Correspondence and papers *re* history of Cookridge Hospital, 1992-1997.

D.90-D.94 'Cookridge Minutes of Advisory Committee + Reports'. Contents of folder so inscribed divided into five for ease of reference: minutes and Director's reports, 1967-1971.

Dainton was the Honorary Director during the period covered by the papers.

**D.95-D.97                      FRESHERS' CONFERENCES                      1951-1963**

Manuscript notes for Dainton's addresses to first year undergraduates at Leeds, introducing the University and university life to them.

D.95                      1951.

D.96                      1958.

D.97                      1963.

**SECTION E**

**UNIVERSITY OF NOTTINGHAM**

**E.1-E.78**

Dainton was appointed Vice-Chancellor of Nottingham in 1965. He served to 1970. His term of office coincided with a period of huge student unrest in the UK and throughout the world and most of the material in this section relates to this as manifested at Nottingham and other universities.

E.1	GENERAL
E.2-E.52	STUDENT UNREST
E.53-E.58	MEDICAL SCHOOL
E.59-E.63	HISTORY OF THE UNIVERSITY OF NOTTINGHAM
E.64-E.78	POST VICE-CHANCELLORSHIP MATERIAL

**University of Nottingham**

- |                 |  |                   |
|-----------------|--|-------------------|
| <b>E.1</b>      | <b>GENERAL</b>   | <b>1969, 1970</b> |
| E.1             | Typescript 'Notes on Being Vice-Chancellor', 17 December 1969 and 'Possible Advisers and Candidates for the Vice-Chancellorship', 31 December 1969; farewell address of Dainton, 20 August 1970.   |                   |
| <b>E.2-E.52</b> | <b>STUDENT UNREST</b>  | <b>1966-1970</b>  |
|                 | The following folders are concerned with student sit-ins, occupation of buildings and other disruptive activities that took place during the late 1960s, and with efforts made by the Nottingham student union, National Union of Students, Committee of Vice Chancellors and Principals, Association of University Teachers and other bodies to resolve the disputes. |                   |
| <b>E.2-E.22</b> | <b>Student unrest at the University of Nottingham</b>  | <b>1966-1970</b>  |
|                 | Issues raised by students included access to student files, possible legal procedures against students and payment of building occupation bills, the infiltration of a Sixth Form Conference by student protesters, disruption of an honorary degree ceremony and so on.   |                   |
|                 | The material includes correspondence, student and university material including notices and papers for meetings, reports, press releases and statements, etc.  |                   |
| E.2             | June 1966-November 1967.   |                   |
| E.3             | January-June 1968.   |                   |
| E.4             | June-September 1968.   |                   |
| E.5             | October-November 1968.   |                   |
| E.6             | November-December 1968.  |                   |

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- E.7 December 1968-February 1969.
- E.8 January-July 1969.
- E.9 July-October 1969.
- E.10 October 1969.
- E.11 October-December 1969.
- E.12 January-March 1970.
- E.13 March 1970 (1).
- E.14 March 1970 (2).
- E.15 March-April 1970.
- E.16 April 1970 (1).
- E.17 April 1970 (2).
- E.18 April-May 1970.
- E.19 May-November 1970
- E.20 Dainton's miscellaneous notes, undated.

**University of Nottingham**

E.21 Student publications ('Red Blob' and 'Gonster', 1969-1970), posters and lyrics.

E.22 Newspaper cuttings on the University of Nottingham's student unrest (21 November 1968, 6 March-23 April 1970).

**E.23-E.43 Student unrest elsewhere in the UK and overseas 1968-1970**

Dainton kept files on disruption in other universities in the UK and abroad.

Material includes correspondence, reports, notes, notices and statements, memoranda, newspaper and magazine cuttings, student publications, newsletters, pamphlets, academic papers etc.

E.23 Birmingham.

E.24 Bristol.

E.25 Cambridge.

E.26 Edinburgh.

E.27 Keele.

E.28 London School of Economics.

E.29 Leeds.

E.30 Leicester.

E.31 Manchester.

**University of Nottingham**

- E.32 Oxford.
- E.33 Sheffield.
- E.34 Southampton.
- E.35 Swansea.
- E.36 Warwick.
- E.37, E.38 Canada. Copies of 'University Affairs' (Association of Universities and Colleges of Canada), with information about student unrest, December 1967-April 1971.  
2 folders.
- E.39 Canada. University of Toronto reports and newspaper.
- E.40 France.
- E.41 New Zealand. University of Victoria, Wellington.
- E.42 United States.
- E.43 Miscellaneous pamphlets, papers, posters and reports on student unrest.
- E.44-E.52 Press cuttings on student unrest 1968-1970**
- E.44-E.47 UK newspaper cuttings, 1968.  
4 folders.

**University of Nottingham**

E.48 UK newspaper cuttings, 1969.

E.49 UK newspaper cuttings, 1970.

E.50 US and other overseas newspaper cuttings, 1968-1970.

E.51 Cuttings from US university publications, 1968-1970.

E.52 Poland, 1968.

**E.53-E.58**

**MEDICAL SCHOOL**

**1965-1995**

Material relating to developments in the Medical School at Nottingham.

E.53 Invitation, programme and correspondence *re* opening ceremony of the Medical School/Pharmacy building, 6 October 1970.

E.54 Background reports *re* the Nottingham Medical School project, 1965-1967.

E.55 Newspaper cutting and photographs.

E.56, E.57 Opening of the Queen's Medical Centre, 28 July 1977 (part of the University Hospital and Medical School complex).

E.56 Letter of thanks, 1977

E.57 68pp photocopy typescript history of the Medical School by A.D.M. Greenfield *et al*, August 1977.

**University of Nottingham**

- E.58                      Medical School Silver Jubilee, 6 October 1995.  
  
Correspondence, copy of address, Medical School brochure.
- E.59-E.63                      HISTORY OF THE UNIVERSITY OF NOTTINGHAM                      1988-1995**
- Correspondence and papers *re* history of the University written by B.H Tolley. It was published as *The History of the University of Nottingham*, Nottingham University Press, 2001.
- E.59                      Correspondence with Tolley *re* the latter's research on the history of the University, December 1988-November 1995.
- E.60-E.63                      Material relating to Tolley's research. Includes Dainton's interview transcripts, Dainton's notes, and drafts of sections relating to Dainton's role as Vice-Chancellor between 1965 and 1970.  
  
Also includes draft chapters on student unrest and on W.J.H. Butterfield, Dainton's successor as Vice-Chancellor.  
  
4 folders.
- E.64-E.78                      POST VICE-CHANCELLORSHIP MATERIAL                      1993-1997**
- Dainton's close ties to the University of Nottingham meant that when disputes arose in the mid-1990s relating to the management of the University, some of those unhappy with developments looked to him for advice and support. A number of these disputes related to the handling of affairs by the Vice-Chancellor, a matter where Dainton's experience was thought particularly useful. Between 1994 and 1997 Dainton advised Alan Prichard, Emeritus Professor of Law at the University of Nottingham.
- Matters under dispute included the dismissal in 1993 of a member of staff who subsequently appealed for unfair dismissal and the 1994 purchase of Clumber Lodge and. The most high-profile case, however, revolved around the suicide of Professor David Regan, Head of the Politics Department at the University. The police concluded his death was the result of a domestic problems but Mrs Regan claimed her husband's suicide was a response to the University's management style and to developments in higher education in the UK more widely. The University rejected calls for an enquiry into the circumstances behind the death, despite pressure from many leading figures, including Dainton.

**University of Nottingham**

- E.64 Correspondence, 4 March 1994-25 March 1994.
- E.65 Correspondence 4 April 1994-2 February 1995.
- E.66 Special meeting of the University of Nottingham Court, February 1995. Includes correspondence, Court statements and resolutions, meeting agenda.
- E.67 Correspondence, 10 February-5 April 1995.
- E.68 Correspondence, 5 April-25 July 1995.
- E.69 Correspondence, 22 September-20 November 1995.
- E.70 Correspondence, 20 December 1995-26 February 1996.
- E.71 Correspondence, 2 March 1996-3 March 1997.
- E.72 Correspondence, 7 March-6 October 1997.
- E.73 Reports on cases, 1997.
- E.74 Notes on the cases mentioned in E.73, newspaper cuttings etc.
- E.75 David Regan case. Report on his death, correspondence and statements to the press.
- E.76 Papers *re* claim for case of unfair dismissal, 1993.

**University of Nottingham**

- E.77                    Nolan Committee on Standards in Public Life. 2nd report (17 June 1996).  
  
University of Nottingham submission to the Nolan Committee and conclusions; copy of Independent Review of Student Complaints and Staff Disputes.
- E.78                    Newspaper cuttings 1995-1997, mainly on the Nolan Committee.

**SECTION F**

**UNIVERSITY GRANTS COMMITTEE**

**F.1-F.136**

Dainton had first been invited to serve as Chairman of the University Grants Committee (UGC) in 1968. He declined and Sir Kenneth Berrill was appointed instead. At the end of Berrill's term in 1973 Dainton was again approached, and this time accepted. He took office on 1 October 1973. Two days later he was told that all university capital expenditure had been cancelled. As the economic crisis deepened further real-term cuts in expenditure were made. His term of office was not helped by having to deal with no fewer than four Secretaries of State for Education and Science, including Margaret Thatcher (1970-1974) and Shirley Williams (1976-1979).

Under Dainton the number of medical students increased significantly and he encouraged industrial sponsorships of engineering courses. At F.133-F.136 is material celebrating the progress of the Dainton Enhanced Engineering courses. These were established by the UGC following a proposal by Dainton to set up undergraduate courses with an emphasis on the needs of manufacturing industry. They combined the study of engineering with other subjects likely to be of use to future production managers in industry, such as accountancy, industrial relations etc.

The UGC was replaced in 1989 by the University Funding Council. The event was marked by a valedictory dinner (F.132).

F.1-F.46	GENERAL CORRESPONDENCE AND PAPERS
F.47-F.58	UGC COMMITTEES
F.59-F.89	UGC VISITS
F.90-F.128	LONG-RANGE PLANNING
F.129-F.131	STAFFING
F.132-F.136	POST CHAIRMANSHIP MATERIAL

**University Grants Committee**

**F.1-F.46 GENERAL CORRESPONDENCE AND PAPERS**

The bulk of this material was found in Dainton's labelled folders.

F.1-F.4 General information about the UGC and its work, ca 1973, 1975, 1976.

F.1 'The University Grants Committee', 6pp typescript, ca 1973.

F.2 'Notes on the University Grants Committee and its work', 6pp typescript, ca 1974.

F.3 'Some views on the University Grants Committee during the period January 1966 to October 1975' by A.C. Locke, 10pp typescript, October 1975.

F.4 'Priorities and decision making in the Department of Education and Science', 11pp typescript + figure, annotated by Dainton, February 1976.

F.5 Papers *re* Government White Paper *Education: A Framework for Expansion*. Cmnd 5174, December 1972.

This 10-year programme for education policy from nursery to university education and including the expansion of university education, had set the framework for Government education policy when Dainton took over at the UGC.

Includes Dainton's manuscript notes on the implications of the paper for further and higher education.

F-6-F.10 'Agendas'. Contents of Dainton's folder so labelled divided into five for ease of reference: papers, many annotated by Dainton, and Dainton's manuscript notes *re* UGC meetings.

The material was grouped by Dainton by labels clipped to papers.

F.6 'Oct 73 to July 74'.

F.7 'Sept 74 to July 75'.

**University Grants Committee**

- F.8 'Sept 75 to July 76'.
- F.9 'Sept 76 to July 77'.
- F.10 'Sept 77 [Sept] 78'.
- F.11-F.16 'The "Cuts" 1973-4'. Contents of Dainton's folder so labelled divided into six for ease of reference.
- In December 1973 the Government announced a series of emergency measures to reduce public expenditure. In the higher education sector these included halting all new university capital building projects to June 1974, with a greatly reduced programme thereafter, and withholding grant supplementation for price increases.
- Correspondence and papers *re* announcement of cuts and their implementation, discussions on ways of alleviating their effects, meetings with the Committee of Vice-Chancellors and Principals (CVCP) and the longer term effect of the cuts on student numbers.
- F.11 December 1973.
- F.12 January 1974.
- F.13 February 1974.
- F.14 March-April 1974.
- F.15 May 1974.
- F.16 June 1974.

**University Grants Committee**

- F.17 Interview with Dainton in 'FUSS: Forum for University Staff and Students', ca February 1974.
- Dainton was interviewed about the work of the UGC, with particular reference to the funding crisis, in December 1973.
- F.18-F.27 UGC grant allocation.
- Correspondence and papers *re* allocation of UGC recurrent grants.
- Includes meetings and communications with the Secretary of State for Education and Science and the CVCP, calculations of grants and student numbers etc.
- F.18 UGC letter *re* allocation of 1972-1977 quinquennial grant, 15 January 1973.
- Annotated by Dainton.
- This laid down the resources and student numbers anticipated prior to the emergency measures later in 1973.
- F.19, F.20 '1974-5 distribution'. Contents of Dainton's folder so labelled divided into two for ease of reference: papers and correspondence 1974.
- F.19 September-October 1974.
- Includes typescript and manuscript draft of address to meeting of the Committee of Vice-Chancellors and Principals, Manchester, 27-28 September 1974.
- F.20 November-December 1974.
- F.21, F.22 'Distribution for 75/76'. Contents of Dainton's folder so labelled divided into two for ease of reference: papers and correspondence, 1975.
- F.21 February 1975.
- F.22 March 1975.

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- F.23 '76/77 allocation'. Contents of Dainton's folder so labelled: papers and correspondence, 1976.
- F.24 '77/78 allocation'. Contents of Dainton's folder so labelled: papers and correspondence, 1977.  
  
Includes note of points made by Dainton at a meeting of the CVCP, 20 May 1977.
- F.25-F.27 Papers on allocation of resources to 1981/82 and forward planning for the years 1979/80, 1980/81, 1981/82. 1978.  
  
For 1977 papers see F.107-F.113.  
  
3 folders.
- F.28-F.30 UGC Conference, Oxford, 22-24 September 1977.  
  
This conference met to consider funding of higher education to the year 1980/82 and beyond. Dainton chaired the meeting.  
  
See also F.107-F.113.
- F.28 Dainton's manuscript notes for his 'Chairman's remarks' on 'Problems and policies'.
- F.29, F.30 Information and background papers.  
  
2 folders.
- F.31-F.36 Relations with the CVCP, 1978.  
  
Miscellaneous papers on university finance.
- F.31 'Note of meeting' of UGC/CVCP Consultative Group, London, 29 June 1978.
- F.32-F.34 Papers for visit of Dainton to the CVCP, 14 July 1978.  
  
Dainton attended to discuss future university financing with the CVCP.

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- F.32 Dainton's manuscript notes for the meeting.
- F.33 Briefing papers.
- F.34 Typescript report on proceedings of the visit, 21 September 1978.
- F.35 CVCP papers on 'Universities in the 1980s and 1990s, together with a review of the future of research in universities', September 1978.
- F.36 Background papers, 1978.  
Includes manuscript notes by Dainton.
- F.37-F.44 Miscellaneous correspondence and papers, 1973-1978.
- F.37 Letter of best wishes from Dainton's predecessor, 28 September 1973.
- F.38-F.41 'Miscellaneous UGC papers'. Contents of Dainton's folder so inscribed divided into four for ease of reference.
- F.38 Correspondence *re* student numbers and age of university staff, October, December 1974.
- F.39 Polytechnics, January 1975.
- F.40 Correspondence and memoranda *re* UGC powers, relations with Government etc, 1975-1976.
- F.41 Photocopied correspondence and papers *re* polytechnics, 1977.
- F.42 Letter *re* Department of Education and Science Establishments and Organisations review of the UGC, 25 May 1978.

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- F.43, F.44                      Talks on the UGC by Dainton, 1974, 1978.
- F.43                              Brief manuscript notes for talk to medical charity administrators, 29 May 1974; typescript draft on 'The role of the University Grants Committee in Medical Education and Research' by Dainton, 10 May 1974, manuscript notes for talk to the Manchester Dining Club, 24 May 1978.
- F.44                              Background material for the 1974 talks.
- F.45, F.46                      University Grants Committee Annual Surveys.  
Published by HMSO.
- F.45                              1973-1974 (Cmnd 6034).  
1974-1975 (Cmnd 6435).
- F.46                              1975-1976 (Cmnd 6750).  
1976-1977 (Cmnd 7119).

**F.47-F.58                      UGC COMMITTEES                      1976-1978**

- F.47-F.50                      Working Party on Capital Provision for University Libraries
- F.51-F.56                      Steering Group on Library Research
- F.57, F.58                      Working Group on the Management of Higher Education in the Maintained Sector

**F.47-F.50                      Working Party on Capital Provision for University Libraries    1976-1977**

This Working Party reported in August 1976 (the Atkinson Report). It advanced the idea of the 'self-renewing library of limited growth' - libraries in which space required for new acquisitions would be largely provided by space created by withdrawals.

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- F.47 Copy of Atkinson Report, with foreword by Dainton, 1976.  
Extensively annotated by Dainton.
- F.48 Manuscript and typescript notes for lectures by Dainton on the Atkinson Report to various professional library bodies:  
Library Association, 'NW branch', 10 March 1977.  
Library Association, autumn meeting of 'N-W branch', 12 October 1977.  
Annual Conference of Library Authorities in Wales, n.d.  
'S.L.A.', n.d.
- F.49 Photocopy correspondence on the Atkinson Report with the Standing Conference on National and University Libraries, October 1976 - May 1977.
- F.50 Photocopy letter on the Atkinson Report, sent on behalf of the British Academy and the Royal Society to Secretary of State for Education and Science, 6 January 1977.
- F.51-F.56 Steering Group on Library Research 1977-1978, n.d.**
- This was set up following the Atkinson Report. It was chaired by E. Anne Whiteman.
- F.51 Press notice of the establishment of the Steering Group and terms of reference, 11 March 1977; memorandum on 'Possible topics for research', 18 March 1977.
- F.52 Minutes of first and third meetings, 3 February and 5 May 1977.
- F.53-F.56 Papers relating to the work of the Steering Group, 1977-1978.
- F.53 'The Urquhart Report on Academic Libraries' by D.J. Urquhart, 9 March 1977.  
15pp photocopy typescript.

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- F.54 'Library Policy after Atkinson' by A. Anderson, April 1977.  
4pp duplicated typescript.
- F.55 'The adequacy of libraries and the UGC system of finance' by E.H. St G. Moss, April 1978.  
12pp photocopy typescript, annotated by Dainton.
- F.56 Untitled lecture on the UGC support for libraries by E.A. Whiteman, n.d.  
12pp photocopy typescript.
- F.57, F.58 Working Group on the Management of Higher Education in the Maintained Sector 1978**
- This Working Group chaired by G.J. Oakes MP, Minister of State at the Department of Education and Science, reported in March 1978 (Cmnd 7130).
- F.57 Press release *re* report of the Working Group.
- F.58 Copy of Report.
- F.59-F.89 UGC VISITS 1973-1978**
- The UGC made frequent visits to higher education institutions in the UK to review funding needs, discuss projects and receive feedback on UGC policies.  
The material includes reports on visits, Dainton's manuscript notes
- F.59-F.85 'Visitation Notes 1973-8'. Contents of Dainton's folder so inscribed.
- F.59 Bedford College, London, 13 November 1973.

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- F.60                      University of Southampton, 28 November 1973.
- F.61                      University of Reading, 29 November 1973.  
Queen Elizabeth College, London, 12 December 1973.
- F.62                      University of Manchester, 24 January 1974.  
University of Essex, 19 February 1974.
- F.63                      Birkbeck College, 5 March 1974.  
Chelsea College, 6 March 1974.
- F.64                      University of Kent, 20 March 1974.  
University of Cambridge, 24 April 1974.
- F.65                      University of Exeter, 1 May 1974.  
University of St Andrews, 8 May 1974.  
University of Dundee, 9 May 1974.
- F.66                      Queen Mary's College, London, 16 October 1974.
- F.67                      University College of Wales, Aberystwyth, 29-30 October 1974.  
St David's University College, Lampeter, 30 October 1974.  
University College of Wales, Swansea, 31 October 1974.
- F.68                      Royal Holloway College, London, 13 November 1974.  
University of Bristol, 27 November 1974.  
University of Bath, 28 November 1974.

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- F.69                      University of Birmingham, 5 February 1975.  
                                 University College London, 19 February 1975.
- F.70                      University of Newcastle, 5 March 1975.  
                                 University of Durham, 6 March 1975.  
                                 King's College London, 11 March 1975.
- F.71                      University of Edinburgh, 29 April 1975.  
                                 Heriot-Watt University, 30 April 1975.
- F.72                      University of York, 14 May 1975.  
                                 University of Oxford, 21 May 1975.  
                                 School of African and Oriental Studies, University of London, 6 June 1975.
- F.73                      University of Stirling, 30 September 1975.  
                                 Imperial College London, 28 October 1975.  
                                 London School of Economics, 29 October 1975.
- F.74                      University of Sussex, 12 November 1975.  
                                 Manchester Business School, 25 November 1975.  
                                 University of Salford, 26 November 1975.
- F.75                      London Graduate School of Business Studies, 27 January 1976.  
                                 University of Surrey, 28 January 1976.
- F.76                      University of Nottingham, 17 February 1976.  
                                 University of Loughborough, 18 February 1976.



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- F.85                      University of Hull, 12 May 1978.  
  
                                 University of Southampton, 1 June 1978.
- F.86-F.89                      'Papers and timetable for the visit of the Main Committee to Sheffield University on Thursday 11th May 1978'. Contents of Dainton's folder so labelled divided into four for ease of reference: timetable, Dainton's manuscript notes, briefing material (some annotated by Dainton) etc.
- F.90-F.128                      LONG-RANGE PLANNING                      193-1978**
- This material was labelled by Dainton 'Long Range Planning Shirley Williams'. It appears to have been assembled by Dainton for work of the UGC's Longer Term Planning Group established following discussions in 1977 and in response to a Department of Education and Science/Scottish Education Department discussion paper 'Higher Education into the 1990s' (see F.115).
- The bulk of the material was found in folders or bundles with Dainton's own labels clipped to them. These have been reproduced in the catalogue entries.
- F.90-F.93                      'Numbers game 1974'.  
  
                                 Papers *re* projections of student numbers.
- F.90                              University Central Council on Admissions Eleventh Report 1972-3, with photocopied pages of the Report, annotated by Dainton, intercalated.
- F.91                              Notes by [?Department of Education and Science] 'Planning Unit' of projected student numbers to 1981, and to 1985. November and December 1973.
- F.92                              Typescript memoranda to Dainton from N.P. Thomas of the UGC staff, January-February 1974.
- F.93                              Manuscript notes, graphs, tables *re* projection of student numbers, *ca* 1974  
  
                                 Some by Dainton.

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- F.94-F.98            'Fees matters'.  
  
Correspondence and papers *re* Government proposal to increase tuition fees, June - September 1976.  
  
This was part of a Government programme to reduce public expenditure.
- F.94                 June 1976.
- F.95                 July 1976 (1).  
  
Chiefly response to Department of Education and Science (DES) press release on tuition fees.
- F.96                 July 1976 (2).  
  
Includes notes of UGC/DES meetings to discuss the implications of the increases in fees, held in Dainton's office at the UGC.
- F.97                 August-September 1976.
- F.98                 Dainton's manuscript notes.
- F.99-F.106         'Overseas Students'.  
  
Correspondence and papers *re* numbers of overseas students attending UK universities, likely trends and the issue of differential tuition fees for home and overseas students. 1976-1978.
- F.99                 Cabinet Office report on overseas students, December 1975, sent to Dainton at his request, 25 February 1976.
- F.100                'Statistics of overseas students in Britain 1975/76', British Council Report 1977.  
  
Annotated by Dainton.

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- F.101 Correspondence and papers October - December 1977.  
Includes report on 'Foreign graduate students in US institutions of higher education', compiled by US Federal Office of Education at Dainton's request.
- F.102 Correspondence, January-February 1978.
- F.103 Correspondence and papers, March 1978.
- F.104 Papers of meeting between Secretary of State for Education and Science and CVCP and UGC representatives, 6 April 1978.
- F.105 Correspondence and papers, April-May 1978.  
Includes report on 'Foreign student fees in US universities', compiled by US Federal Office of Education at Dainton's request.
- F.106 Correspondence and papers, June-July 1978 and n.d.  
Includes Dainton's manuscript notes.
- F.107-F.113 'Planning numbers (310,000) for 1981-2. Cttee discussion Sept 77 & S/S visit to Cttee in Dec [*sic*].  
The papers include material from the UGC conference in Oxford, 22-24 September 1977 (see F.28-F.30) and Dainton's meeting with the Secretary of State for Education and Science, Shirley Williams MP, on 17 November 1977.
- F.107 'Notes of meetings during the Committee's conference [...] 22-24 September 1977'.
- F.108 Correspondence and papers, October 1977.  
Includes UGC memorandum 'Planning for 1981-82: the university sector'.

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- F.109 Memoranda sent to Dainton in advance of meeting with the Secretary of State, November 1977; Dainton's manuscript notes for presentation to Secretary of State, 17 November 1977.
- F.110, F.111 Statistics on 'Resources to 1981-82'.  
These were initially prepared for the September 1977 conference.  
2 folders.
- F.112 Exchange of letters with Secretary of State, November, December 1977.
- F.113 Press releases *re* 1981-82 higher education planning figures, 30 November 1978.
- F.114 Memoranda on long term planning, November, December 1977.
- F.115-F.122 Long Term Planning Group.  
This Group was established following the September 1977 conference and the visit of the Secretary of State to the UGC in November
- F.115, F.116 'Higher Education into the 1990s. A discussion document', Department of Education and Science/Scottish Education Department, February 1978.
- F.115 Copy of the report.
- F.116 Photocopy of covering note with Dainton's reply giving his initial reaction, January 1978; press release, February 1978; leading article on the report, *Nature* vol 272, 2 March 1978.
- F.117 Agenda for first meeting of the Long Term Planning Group, 14 March 1978, with memoranda 6 and 7 March found therewith.



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<b>F.132-F.136</b>	<b>POST CHAIRMANSHIP MATERIAL</b>	<b>1989-1991</b>
F.132	UGC Valedictory Dinner, 30 March 1989.  Dainton was unable to attend.  Souvenir menu; correspondence, March-June 1989; lists of members of the UGC and those present at the dinner.	
F.133-F.136	Dainton courses in Enhanced Engineering.  Material celebrating the progress of the Dainton courses, 1990-1991	
F.133	Report on progress of the University of Oxford Dainton course, 1990.	
F.134	Correspondence and papers <i>re</i> presentation of certificates to Dainton students at Imperial College London, 20 March 1991.  See also A.483.  Includes 3pp typescript of remarks made at presentation, and three articles by B.J. Cory on the Dainton courses.	
F.135	Correspondence and papers <i>re</i> meeting of Directors of the Dainton courses, Oxford, 18 April 1991.  Includes background papers for discussion.	
F.136	Letter <i>re</i> presentation of certificates to Dainton students at Brunel University, 14 June 1991.	

**SECTION G**

**UNIVERSITY OF SHEFFIELD**

**G.1-G.147**

As a native of the city of Sheffield it was particularly appropriate that Dainton was appointed Chancellor of the University of Sheffield in 1978, succeeding the politician Lord ('Rab') Butler. Dainton took a keen interest in the University and was, in particular, very conscious of his responsibilities at the University degree congregations, delivering a different address at each.

G.1-G.24	ELECTION AND INSTALLATION
G.25-G.47	GENERAL CORRESPONDENCE AND PAPERS
G.48-G.66	VICE-CHANCELLORSHIP
G.67-G.126A	DEGREE CEREMONIES
G.127-G.145	UNIVERSITY PRIZES
G.146, G.147	'SPEECHES OF LORD DANTON'

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<b>G.1-G.24</b>	<b>ELECTION AND INSTALLATION</b>	<b>1978, 1979</b>
G.1	Exchange of correspondence <i>re</i> candidates for Chancellorship, May 1978.  Prior to being nominated himself Dainton had been asked for possible candidates for the position.	
G.2	Correspondence <i>re</i> Chancellorship, May-November 1978.	
G.3, G.4	Letters of congratulation on nomination, June-September 1978.	
G.3	June 1978.	
G.4	July-September 1978.	
G.5-G.8	Articles on Dainton and his nomination and appointment.	
G.5	University of Sheffield Newsletter, 28 June 1978.  Copy of Newsletter.	
G.6	'A scientific romantic who rose by degrees', <i>Sheffield Morning Telegraph</i> , 17 August 1978.  Copy of article.	
G.7	'Coming home, hoping to repay the debt I owe to Sheffield', <i>Quality of Sheffield and South Yorkshire</i> , November 1978.  Correspondence, June-September 1978; 2pp manuscript draft; copy of article.	
G.8	University of Sheffield Gazette, December 1978.  Copy of article.	

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- G.9 Formal notification of election as Chancellor and correspondence arising, December 1978-January 1979.
- G.10 Typescript notes for Address to Council, University of Sheffield, 15 January 1979.
- G.11-G.14 Civic Reception and Dinner in Honour of Dainton, 15 January 1979.  
This was hosted by the Lord Mayor of Sheffield.
- G.11 Correspondence *re* arrangements, November 1978-January 1979.
- G.12 Formal invitation; guest list; menu and toasts.
- G.13 Typescript and manuscript notes for After Dinner Speech, 15 January 1979.
- G.14 Press cutting reporting on the Dinner, *Sheffield Morning Telegraph*, January 1979.
- G.15 Letters of congratulation on election and inauguration, February-May 1979.  
Includes apologies for inability to attend the installation ceremonies.
- G.16-G.23 Installation as Chancellor, 28-31 March 1979.
- G.16 Photocopy manuscript of complete programme.
- G.17-G.19 Installation Congregation, 29 March 1979.
- G.17 Programme for Congregation, order of procession.
- G.18 'Orations given at Installation'.  
Includes citations for those receiving Honorary Degrees.

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- G.19 Dainton's speech in reply to his citation, 10pp manuscript and typescript speaking notes and 6pp typescript clean copy.
- G.20, G.21 Dinner in Honour of the Chancellor, 29 March 1979.
- G.20 Menu; list of guests and seating arrangements.
- G.21 Dainton's speaking notes for response to Toast, 8pp typescript.
- G.22 Report on the Installation and Dinner, *Sheffield Morning Telegraph*, 30 March 1979.
- G.23 Other functions:  
  
4pp speaking notes for Unveiling of plaque in Computer Sciences Building, 30 March 1979.  
  
Menu for Sheffield University Association of Former Students Annual Dinner, 31 March 1979.
- G.24 'Press cuttings'. Contents of Dainton's envelope so inscribed: newspaper cuttings *re* nomination and election.
- G.25-G.47                      GENERAL CORRESPONDENCE AND PAPERS                      1978-1997**
- G.25 Brief correspondence, 1978-1979.
- G.26-G.28 University of Sheffield Centenary, 1979-1980.
- G.26 List of 'Points for Chancellor's Speech on the Occasion of the Press Launch of the Centenary Appeal, 30 May 1980', 4pp typescript.
- G.27 Extract from *Sheffield Morning Telegraph* celebrating the centenary, 19 October 1979.

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- G.28 Printed University literature celebrating the centenary. 1980.
- G.29 Papers, 1984.  
Includes 3pp manuscript notes for Toast at Law Faculty 75th Anniversary, 30 March 1984; photocopy of newspaper cutting from *Sheffield Morning Telegraph* re portrait of Dainton.
- G.30 Correspondence and papers, 1987-1990.
- G.31 'The future of our University' by Dainton, University of Sheffield Convocation News, Spring 1991.  
Photocopy of article.
- G.32 Correspondence and papers re opening of Crookesmoor House, July-September 1991.  
Crookesmoor House was student accommodation converted from a disused Unitarian Church. Dainton spoke at the opening of the House on 4 September 1991.  
Includes 1p typescript of Dainton's remarks.
- G.33 Letter re Readership, February 1992.
- G.34 'Message from the Chancellor of the University of Sheffield', Foreword to *The History of the City of Sheffield* edited by J.G.C. Binfield *et al*, (Sheffield Academic Press, 1993).  
Correspondence, February 1992, February 1993; 1p typescript of Dainton's contribution.
- G.35 Correspondence, May 1992-March 1993.  
Includes letter re pioneering use of penicillin in medical treatment in Sheffield in 1930

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- G.36 Correspondence *re* arrangements for and arising from visit to Hong Kong, April 1993.
- G.37 Correspondence *re* physical chemistry in the University of Sheffield, February-May 1993.
- G.38 Correspondence, chiefly with G.G. Roberts, Vice-Chancellor, June-November 1994.
- G.39 Correspondence and papers, 1994.  
  
Includes 2pp typescript 'Message from the Chancellor' to the Inaugural meeting of the Colleges and Schools University Club, 16 March 1994.
- G.40 Miscellaneous correspondence, 1995.  
  
Includes cutting from *Now & Then*, University of Sheffield alumni magazine, Summer 1995, on Dainton's 80th birthday.
- G.41, G.42 Correspondence and papers *re* alumni appeal and related, February 1995 - February 1996.  
  
In addition to advising the Alumni Office on fund-raising, Dainton wrote a foreword to the 1996 appeal brochure and an article 'Reflections on the University of Sheffield' for the alumni magazine *Now & Then*.
- G.41 Correspondence with Alumni Office, February 1995-February 1996.
- G.42 Foreword to the 1996 appeal brochure, 1p typescript; 'Reflections on the University of Sheffield', 4pp typescript + captions for illustrations + photocopies of illustrations.
- G.43 Correspondence *re* physical chemistry in the University of Sheffield, February 1995-July 1996.
- G.44 Correspondence and papers, 1996.

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G.45 Brief correspondence, programme and memorabilia *re* JRI (Manufacturing) Ltd Company Silver Jubilee, Sheffield, 27 March 1996.

Dainton represented the University.

G.46 Correspondence and papers *re* Ken Hawley Collection Trust, 1997.

The Ken Hawley Collection was a collection of Sheffield-made tools and cutlery housed in premises of the University.

G.47 Miscellaneous correspondence, 1997.

**G.48-G.66**

**VICE-CHANCELLORSHIP**

**1987-1990**

The Vice-Chancellor G.D. Sims retired at the end of 1990. The search for a successor began early in 1989 and Dainton was an important figure in the process of finding a successor. G.G. Roberts, Director of Research of Thorn-EMI and Professor of Electrical Engineering at Oxford, was appointed.

G.48 Letter, 30 January 1989; photocopies of extracts of University Charter and Statutes *re* the Chancellor's duties, with Dainton's manuscript notes.

G.49 Correspondence and papers, March - April 1989.

Includes Dainton's 6pp typescript memorandum on the procedure for searching for a new Vice-Chancellor, 22 March 1989; Dainton's 3pp typescript notes on agenda for meeting, 4 April 1989.

G.50, G.51 Papers for meeting of University officers, 9 May 1989.

G.50 Includes Dainton's 'Notes for talk' at the meeting, and manuscript notes prepared for the meeting.

G.51 Background material: correspondence and papers *re* University of Sheffield's position, 1987.

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- G.52 Correspondence and papers, May 1989.
- G.53 Correspondence, June-August 1989.
- G.54-G.58 Selection Committee for the Vice-Chancellorship.  
Papers for meetings of the Committee. May include agendas, minutes, lists of candidates, annotated Dainton, and manuscript notes.
- G.54 13 July 1989; 28 September 1989.
- G.55 8 November 1989.
- G.56 ?Informal meeting, 1 January 1989; 5 January 1990.
- G.57 19 January 1990; 27 January 1990; 31 January 1990.
- G.58 Dainton's manuscript notes.
- G.59-G.64 Correspondence *re* possible candidates, September - December 1989.
- G.59, G.60 September 1989.  
2 folders.
- G.61-G.63 October 1989.  
3 folders.
- G.64 November, December 1989.
- G.65 Correspondence *re* candidates and short-list, January 1990.

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- G.66 Correspondence and papers *re* appointment of G.G. Roberts, February-March 1990.
- G.67-G.126A                    DEGREE CONGREGATIONS                    1979-1997**
- G.67 Correspondence *re* Degree Congregations, from graduates or members of their family, 1979-1997.  
  
Chiefly letters of appreciation.
- G.67A Letters of thanks from Honorary Graduands, 1994-1996.
- G.68-G.122 Speeches given by Dainton at University of Sheffield Degree Congregations, 1979-1997.  
  
Typescript speaking notes.  
  
See also the University of Sheffield file copies at G.147.  
  
For background material assembled by Dainton for anecdotes, stories and points to make in these speeches, see G.126A.
- G.68 July 1979.
- G.69 Higher degrees: February, May and December 1980.
- G.70 July 1980.
- G.71 Higher degrees: February, May and December 1981.
- G.72 July 1981.
- G.73 Higher degrees: February, June and December 1982.

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- G.74                      July 1982.
- G.75                      Higher degrees: February, May and December 1983.
- G.76                      July 1983.
- G.77                      Higher degrees: May 1984.
- G.78, G.79                July 1984.  
2 folders.
- G.80                      Higher degrees: February, May and December 1985.
- G.81, G.82                July 1985.  
2 folders.
- G.83                      Higher degrees: January, March and December 1986.
- G.84                      July 1986.
- G.85                      Higher degrees: January, March, May and December 1987.
- G.86, G.87                July 1987.  
2 folders.
- G.88                      Higher degrees: March and May 1988.

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- G.89, G.90            July 1988.  
2 folders.
- G.91                    Higher degrees: January, March, May and December 1989.
- G.92, G.93            July 1989.  
2 folders.
- G.94                    Higher degrees: January, March, May and December 1990.
- G.95, G.96            July 1990.  
2 folders.
- G.97                    Higher degrees: January, March 1991.
- G.98                    Higher degrees: July 1991.  
  
These marked the occasion of the XVI Universiade (Student games) held in Sheffield.  
  
See also G.123.
- G.99, G.100           July 1991.  
2 folders.
- G.101                   Honorary degrees: December 1991.
- G.102                   Honorary degrees: March, May and December 1992.  
  
At these ceremonies Lady Dainton received an Honorary Doctorate in Science. The folder includes extract from University of Sheffield alumni magazine *Now & Then* (Spring 1993) recording the event.

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- G.103, G.104      July 1992.  
2 folders.
- G.105              Higher degrees: February, June and December 1993.  
  
Also includes notes for speech on opening of Dainton Building, 12 June 1993.
- G.106, G.107      July 1993.  
2 folders.
- G.108              Higher degrees: February, June and December 1994.
- G.109, G.110      July 1994.  
2 folders.
- G.111              Higher degrees: January, February, May and December 1995.  
  
That for January 1994 was for one Honorary Graduand, Professor J.K. Galbraith. Dainton gave the oration.
- G.112, G.113      July 1995.  
2 folders.
- G.114              Higher degrees: February, May and December 1996.
- G.115, G.116      July 1996.  
  
The ceremony on 24 July was the 600th to be held by the University since their inception in 1908.  
  
2 folders.  
  
G.115 includes extract from the University 'News Review' reporting the occasion.

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- G.117 Higher degrees: February and May 1997.
- G.118-G.120 July 1997  
3 folders.
- G.121, G.122 Degree congregations in Singapore and Kuala Lumpur, Malaysia, 1992-1996.
- G.121 April 1992; April 1994.
- G.122 April 1996.
- G.123, G.124 Memorabilia from July 1991 Degree Congregations.
- G.123 14 July 1991.  
This marked the occasions of the XVI Universiade (Student games) held in Sheffield (14 July) and the 100th Congregation presided over by Dainton.  
In Dainton's honour a fanfare was composed and the Vice-Chancellor, G.G. Roberts delivered an address.  
Includes musical score for the fanfare.
- G.124 25 and 26 July 1991.  
This included the 500th Congregation of the University.
- G.125 Correspondence *re* arrangements for Congregations, 1993-1997.
- G.126 Papers of and nominations for the Honorary Degrees Committee, 1994-1996.

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- G.126A 'Ideas for degree congs'.  
  
Dainton assembled a collection of quotations, articles, offprints and press cuttings for themes, anecdotes and stories for his degree day speeches.  
  
1 bundle.
- G.127-G.145 UNIVERSITY PRIZES 1984-1997**
- G.127-G.143 Chancellor's Prize  
G.144 Isobel Bosanquet Prize  
G.145 Centenary Medal
- G.127-G.143 Chancellor's Medal 1984-1997**
- This was instituted by Dainton in 1987. He helped design the Medal and took a key role in deciding upon recipients.  
  
It was initially awarded to students who had made 'an outstanding contribution to the reputation or wellbeing of the university'.
- G.127 Correspondence *re* institution and design of the Medal, 1984-1987.
- G.128 Preparatory sketches; photographs.
- G.129-G.143 Correspondence and papers *re* candidates for and recipients of Chancellor's Medals.
- G.129 1987.  
  
B.D. Catt was the recipient.
- G.130 1989.

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- G.131 1990.  
S. Affleck, N.J. Matthews and T. Goodhill were the recipients.
- G.132-G.138 1991.  
The 1991 recipients were T.B. Croft, manager of the Department of Animal and Plant Sciences, who rescued R.F. Dinha (a former student of the University) from northern Iraq, and H.P. Sharman, the University of Sheffield graduate who was the first Briton in Space.
- G.132, G.133 T.B. Croft.
- G.132 Correspondence and papers, 1991.  
Includes Dainton's typescript speaking notes for the award.
- G.133 T.B. Croft's account of his rescue of R.F. Dinha and his family.
- G.134-G.138 H.P. Sharman  
Helen Sharman was a Chemistry graduate.
- G.134 Dainton's typescript speaking notes for the award.
- G.135 Photocopies of newspaper coverage of Sharman.
- G.136 University of Sheffield coverage of Sharman's exploits.  
Sharman was compared with Amy Johnson, the greatest woman pilot of her era, who was also a graduate of the University of Sheffield.
- G.137 Correspondence with Sharman and others, chiefly relating to subsequent engagements, 1991-1992.
- G.138 Letter from the artist June Mendoza *re* portrait of Sharman, December 1993; photograph of the portrait.

**University of Sheffield**

- G.139 1994.
- G.140 1995.
- G.141, G.142 1996.  
2 folders.  
A. Fuentes and C. Nex were the recipients.
- G.143 1997.  
K. Frankish and V. Toulmin were the recipients.
- G.144 Isobel Bosanquet Prize 1992-1993**  
  
This prize for postgraduates in the Department of English was instituted in 1993 in memory of Isobel Mary Bosanquet, née Linfoot (1906-1992).
- G.144 Correspondence and papers, 1992-1993.
- G.145 Centenary Medals 1996-1997**
- G.145 Correspondence and papers, chiefly *re* design of the Medals, 1996-1997.
- G.146, G.147 'SPEECHES OF LORD DAINTON' 1979-2002**  
  
After his death, the University of Sheffield Registry assembled copies of Dainton's addresses as Chancellor with a view to possible publication.
- G.146 Correspondence to Lady Dainton *re* copies of Dainton's speeches at Degree Congregations, June, July 1998.  
  
Copy of email referring to the speeches, June 2002.

**University of Sheffield**

G.147

'Speeches of Lord Dainton'.

Largely duplicate set of those at G.68-G.122.

1 box.

<b>SECTION H</b>	<b>HOUSE OF LORDS</b>	<b>H.1-H.374</b>
	H.1-H.8	GENERAL CORRESPONDENCE AND PAPERS
	H.9-H.137	EDUCATION BILLS AND DEBATES
	H.138-H.165	HEALTH BILLS AND DEBATES
	H.166-H.338	SELECT COMMITTEE ON SCIENCE AND TECHNOLOGY
	H.339-H.363	SELECT COMMITTEE ON THE HOUSE OF LORDS OFFICES LIBRARY SUB COMMITTEE
	H.364-H.374	PARLIAMENTARY OFFICE OF SCIENCE AND TECHNOLOGY

For material relating to Dainton's elevation to the peerage and admission to the House of Lords see A.275-A.309. For correspondence relating to the House of Lords debate on the British Library, 1991, see J.121, J.122.

**House of Lords**

<b>H.1-H.8</b>	<b>GENERAL CORRESPONDENCE AND PAPERS</b>	<b>1986-1997</b>
H.1-H.3	Correspondence and papers, 1986-1997.  3 folders.	
H.4, H.5	Correspondence and papers <i>re</i> Coal Industry Bill in respect of its impact on mining museums, 1993-1994.  2 folders.	
H.6	Information for visitors to the House of Lords.	
H.7, H.8	Information on the working of the House of Lords.  2 folders.	
<b>H.9-H.137</b>	<b>EDUCATION BILLS AND DEBATES</b>	<b>1987-1997</b>
H.9-H.11	Debate to call attention to the Croham Report on the University Grants Committee, 18 March 1987.  See also J.823-J.826.	
H.9	Copy of the Croham Report. Cm 81. 1987.	
H.10	Papers <i>re</i> House of Lords proceedings.	
H.11	Manuscript and typescript drafts of Dainton's speech on the review of the University Grants Committee, 19 [ <i>sic</i> ] March 1987.	

**House of Lords**

H.12-H.20	<b>Education Reform Bill</b>	1988
H.12-H.17	Official Reports from Hansard for Second Reading, Committee Stage and Report Stage, April-July 1988.  6 folders.	
H.18	Papers <i>re</i> Lords and Commons' Amendments.	
H.19	Typescript drafts for Dainton's contributions to debates.	
H.20	Correspondence, May-September 1988.  Principally letters of appreciation from university colleagues for his contributions to debates.	
H.21, H.22	Debate to Call Attention to the Problems of Higher Education, 12 April 1989.	
H.21	Official Report from Hansard and typescript notes for Dainton's contribution.	
H.22	Background papers. Principally from Committee of Vice-Chancellors and Principals.	
H.23-H.29	<b>Education (Student Loans) Bill</b>	1990
H.23-H.25	Official reports from Hansard for Second Reading and Committee Stage, February-March 1990.  3 folders.	
H.26	Manuscript and typescript drafts for Dainton's speech on the Second Reading of the Bill, 27 February 1990.	
H.27, H.28	Correspondence, February-March 1990.  2 folders.	



**House of Lords**

- /... Include typescript drafts of Dainton's speeches.  
10 folders.
- H.56-H.67      **Education Bill**      1993-1994  
The bill sought to reform teacher education and the funding of students' unions.  
See also J.450-J.469.
- H.56-H.61      Official reports from Hansard for Second Reading, Committee and Report Stages, December 1993-March 1994.  
6 folders.
- H.62      Typescript drafts of Dainton's speeches on the Second Reading, 7 December 1993 and at the Committee Stage, 10 March 1994.
- H.63-H.67      Correspondence and papers, October 1993-April 1994.  
5 folders.
- H.68-H.70      **Education (Student Loans) Bill**      1996  
The bill sought to enable the payment of Government subsidies to private sector financial institutions which provided loans to students in higher education. The idea was to promote the availability of private sector loans as alternatives to the loans which were provided by the Student Loans Company out of voted funds.
- H.68      Printed copy of the bill with printed copy of Education (Student Loans) Act 1990 folded within it; Hansard report of Second Reading Debate, 19 February 1996
- H.69      Typescript draft of Dainton's speech in debate on Second Reading.

**House of Lords**

- H.70 Briefing and information papers from Committee of Vice-Chancellors and Principals and British Medical Association, August 1994, February-March 1996.
- H.71-H.74A Debate to call attention to the cuts in current expenditure and in capital (including equipment) grants which have been imposed upon universities, 6 March 1996.
- H.71 Official report from Hansard of debate.
- H.72 Typescript draft of Dainton's speech; photocopy of extract from Commons debate on the financial situation of universities, 13 January 1978, found with papers *re* 1996 debate; brief correspondence, February-December 1996.
- H.73 Contents of envelope inscribed: 'For "University Finance Debate" Spring 1996': photocopies of newspaper articles, Committee of Vice-Chancellors and Principals press-releases etc, December 1995-February 1996.
- H.74 Contents of folder: information assembled for debate principally from Committee of Vice-Chancellors and Principals, February-March 1996.
- H.74A Papers for Committee of Vice-Chancellors and Principals Medical Press Conference, 26 April 1996. In original folder.  
  
Relate to 'university cuts' and medical teaching, research and patient care.
- H.75 **Asylum and Immigration Bill** 1996  
  
Dainton spoke at the Committee Stage of the Bill on matters relating to overseas students.  
  
Official report of debate only.
- H.76-H.137 Background papers *re* education, 1976-1997.  
  
Miscellaneous papers on a variety of educational issues kept by Dainton for reference purposes and presented here for convenience.
- H.76-H.79 Contents of Dainton's folder divided into four for ease of reference: newspaper cuttings and off-prints, 1978-1982.

**House of Lords**

- H.80 'Higher Education and National Needs in the 1980s'. Proceedings of a Conference held at Selwyn College Cambridge, 30 June-1 July 1980.
- H.81 Correspondence, newspaper-cuttings and other printed material, 1980-1981.  
Principally *re* report by Sir Monty Finniston into engineering.
- H.82, H.83 Contents of Dainton's folder divided into two for ease of reference: correspondence and papers *re* University Grants Committee, 1981-1984.
- H.84-H.86 Correspondence, printed and duplicated material, 1982-1983.  
3 folders.  
H.86 includes report on higher education in Australia.
- H.87 Correspondence, printed and duplicated material, 1984.
- H.87A *A Strategy for Higher Education in the 1990s. The University Grants Committee Advice.* September 1984.
- H.88 *Competence and competition. Training and education in the Federal Republic of Germany, the United States and Japan.* 1984.
- H.89-H.91 Printed and duplicated material, 1985.  
3 folders.
- H.92 Contents of Dainton's folder: duplicated and printed papers *re* North of England Education Conference, Chester, January 1985.
- H.93 Contents of Dainton's folder: manuscript notes *re* 'EB Lecture', printed and duplicated material, 1986.

**House of Lords**

- H.94 Correspondence, manuscript notes, printed and duplicated material, January-September 1986.
- H.95 Correspondence with Permanent Secretary, Department of Education and Science, September 1986, and DES papers sent to Dainton by him *re* better science teaching and broadening the sixth form curriculum.
- H.96 Papers sent to Dainton, 1987.
- Include Nuffield Jubilee Lecture on 'The Robbins Report: 25 Years After - and the future of the universities' by Sir Claus Moser, Warden of Wadham College, Oxford, 30 October 1987 and copy of letter from Robert Jackson MP, Parliamentary Under Secretary of State, Department of Education and Science to Moser commenting on the lecture, 8 December 1987.
- H.97-H.102 Contents of folder inscribed 'For talk with Higginson, 10 Nov 87' divided into six for ease of reference: correspondence and papers *re* Committee appointed by the Secretary of State for Education and Science and the Secretary of State for Wales to review the principles governing A-level syllabuses and examinations, 1987-1988.
- Includes copy of published report, *Advancing A Levels*.
- The Committee was chaired by G.R. Higginson, Vice-Chancellor, University of Southampton.
- H.103 Correspondence with D.N. Dilks, Professor of International History, University of Leeds, with copy of address by Dilks on university financing, 1989.
- Department of Education and Science publication: *Aspects of higher education in the United States of America*, 1989.
- H.104 Report on Teacher Provision in the Sciences by Alan Smithers and Pamela Robinson, School of Education, University of Manchester, August 1990.
- The report was commissioned by the British Association, the Association for Science Education and the Royal Society.

**House of Lords**

- H.105                    *Education and the Labour Market An English Disaster* by Adrian Wooldridge, The Social Market Foundation, 1990.  
  
                              Inscribed on front cover ' For Hull lecture'.
- H.106-H.108            Contents of Dainton's folder divided into three for ease of reference: printed and duplicated material *re* higher education, 1990-1996.
- H.109                    *Higher Education: A new framework.* Presented to Parliament by the Secretary of State for Education and Science, May 1991.
- H.110                    Information from Committee of Vice-Chancellors and Principals for talk by Dainton on the State of the Universities, 1992.
- H.111-H.114            'Diploma of Achievement'. Contents of folder so inscribed divided into four for ease of reference: correspondence and papers, 1992-1997.
- H.115                    *Promoting quality and opportunity.* Higher Education Funding Council for England Annual Report 1992-1993.  
  
                              Report sent to Dainton with covering letter, 16 June 1993.
- H.116                    *Review of Options for the Additional Funding of Higher Education.* A Report by the London Economics for the Committee of Vice-Chancellors and Principals, August 1993.
- H.117                    Committee of Enquiry *Review of the Academic Year* Interim Report for Consultation, [1993].  
  
                              The review was jointly commissioned by the Committee of Vice-Chancellors, the Standing Conference of Principals, the Higher Education Funding Councils for England and Wales and the Department of Education for Northern Ireland.
- H.118-H.126            'Useful CVCP background material including Gareth Williams report'. Contents of folder so inscribed divided into nine for ease of reference: correspondence and papers, 1994.

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**House of Lords**

- /... See H.122 for a copy of 'Longer Term Prospects for British Higher Education'. A report to the Committee of Vice-Chancellors and Principals by Gareth Williams and Heather Fry, Centre for Higher Education Studies, Institute of Education, University of London, July 1994. This copy is inscribed on the front cover 'Worth Study'.
- See H.126 for papers *re* House of Lords Select Committee on Science and Technology Sub-Committee II - Research Careers for Graduate Students'.
- H.127 *Thinking ahead: Ensuring the expansion of higher education into the 21st century.* Confederation of British Industry, June 1994.
- Folder includes photocopies of newspaper articles found clipped to the cover of the CBI document.
- H.128, H.129 Contents of Dainton's folder divided into two for ease of reference: papers from the Committee of Vice-Chancellors and Principals, 1994-1996, two letters from the Chairman of the Committee, Gareth Roberts who was also Vice-Chancellor of Sheffield University, January-February 1996 and two earlier University Grants Committee papers, 1976 and 1978.
- Correspondence and papers relate to university funding and student numbers.
- H.130 Paper titled 'Student Loans: Where are we now?' by N. Barr and I. Crawford, London School of Economics, May 1996.
- H.131, H.132 Papers *re* National Committee of Inquiry into Higher Education chaired by Sir Ron Dearing, 1996-1997.
- 2 folders.
- H.133-H.135 Publications *re* aspects of learning and higher education, 1996-1997.
- 3 items.
- H.135A Papers given at North of England Education Conference, January 1997.

### House of Lords

- H.136, H.137                      Shorter correspondence and papers, 1991-1997.  
2 folders.
- H.138-H.165                      HEALTH BILLS AND DEBATES                      1985-1997**
- H.138-H.140                      Debate to take note of the White Paper on Human Fertilization and Embryology: A Framework for Legislation (Cm 259), 15 January 1988.  
Background papers only, 1985-1988.  
3 folders.
- H.141, H.142                      Debate on the motion to call attention to Government White Paper *Working for Patients* (Cmnd. 555); and to move for papers, 22 February 1989.
- H.141                                  Official Report from Hansard.
- H.142                                  Typescript and manuscript draft of Dainton's contribution.
- H.143-H.153                      National Health Service and Community Care Bill                      1990
- H.143-H.149                      Official reports from Hansard for Second Reading, Committee and Report Stages, April-June 1990.  
7 folders.
- H.150-H.152                      Typescript drafts of Dainton's contributions to debate.  
3 folders.
- H.153                                  Correspondence and papers, April-July 1990.  
  
Includes letters of thanks for Dainton's efforts to ensure the recognition of the interests of universities in teaching and research in the new National Health Service arrangements.

**House of Lords**

- H.154-H.160      Debate on motion to call attention to the Tomlinson Report on Health Care in London, 2 December 1992.
- Dainton spoke in debate.
- See also J.765.
- H.154             Official Report from Hansard.
- H.155             Correspondence, December 1992-February 1993.
- H.156-H.160      The Tomlinson Report and other publications *re* the health service in London, 1992-1994.
- H.156             *Report on the Inquiry into London's Health Service, Medical Education and Research.* Presented to the Secretaries of State for Health and Education by Sir Bernard Tomlinson. October 1992.
- H.157             Response of a Working Party of the Medical Royal Colleges & their Faculties in the UK to the Report of the Enquiry into London's Health Service, Medical Education and Research (The Tomlinson Report). December 1992.
- H.158             *London Health Care 2010 Changing the future of services in the capital.* King's Fund, 1992.
- H.159             *Making London Better.* Department of Health, February 1993.
- H.160             *The crisis in London Medicine; how many hospital beds does the Capital need?* Special University Lecture by Professor Brian Jarman. University of London, 5 July 1994.
- H.161             Debate on question to the government as to the progress being made on the reallocation of specialities among West London hospitals and the expectation of the effect of research upon any further reallocation, 25 February 1997.

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### House of Lords

- /...
- Dainton spoke in debate.
- Official Report from Hansard.
- H.162-H.165      Background papers *re* health, 1982-1995.
- Miscellaneous papers on a variety of health issues kept by Dainton for reference purposes and presented here for convenience.
- H.162      *Greening the White Paper: A strategy for NHS Reform* by Gwyn Bevan and Marshall Marinker, The Social Market Foundation, 1989.
- H.163      *The Health of the Nation: A Strategy for Health in England*. Presented to Parliament by the Secretary of State for Health, July 1992.
- H.164      Department of Health Press Release 'Virginia Bottomley announces radical new funding mechanism for NHS Research and Development'. 15 December 1994
- NHS Executive document Research and Development in the New NHS Functions and Responsibilities. N.d. but found clipped to the preceding.
- The document is heavily annotated by Dainton.
- H.165      Shorter correspondence and papers, 1982-1995.
- H.166-H.338      SELECT COMMITTEE ON SCIENCE AND TECHNOLOGY      1979-1998**
- Dainton was a member of the Select Committee on Science and Technology. He chaired Sub-Committees on systematic biology research, forensic science and academic research careers.

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### House of Lords

/...	H.166-H.189	General correspondence and papers
	H.190-H.194	United Kingdom Space Policy Sub-Committee
.	H.195-H.200	Greenhouse Effect Sub-Committee
	H.201, H.202	Nature Conservancy Council Sub-Committee
	H.203, H.204	Definitions of R & D Sub-Committee
	H.205	International Scientific Programmes Sub-Committee
	H.206-H.233	Systematic Biology Research Sub-Committee
	H.234	Classification of Defence R&D Expenditure Sub-Committee
	H.235-H.258	Forensic Science Sub-Committee
	H.259-H.263	Priorities for the Science Base Sub-Committee
	H.265, H.266	Defence Research Agency (DRA) Sub-Committee
	H.267-H.306	Academic Research Careers Sub-Committee
	H.307-H.338	Background material

<b>H.166-H.189</b>	<b>General correspondence and papers</b>	<b>1987-1997</b>
H.166-H.169	Debate on the Report of the Select Committee on Science and Technology on Civil Research and Development, 19 February 1987.  This was the occasion of Dainton's maiden speech.	
H.166	<i>Civil Research and Development.</i> (1st Report Session 1986-87 HL Paper 20) Volume 1 - Report.	
H.167	Official report from Hansard.	
H.168	Manuscript and typescript drafts of Dainton's speech.	
H.169	Correspondence <i>re</i> the debate and Dainton's speech. Includes letters of congratulation.	

**House of Lords**

- H.170, H.171      Debate to call attention to Command Paper 185 on civil research and development and to the consultation paper "A Strategy for the Science Base", 18 November 1987.
- Dainton spoke in debate.
- H.170      *Civil Research and Development. Government response to the First Report of the House of Lords Select Committee on Science and Technology, 1986-87 Session.* Presented to Parliament, July 1987. Cm 185.
- H.171      Manuscript and typescript drafts of Dainton's speech.
- H.172-H.189      Correspondence and papers, 1991-1997.
- Principally papers for meetings.
- H.172      1989-1993.
- H.173, H.174      1994.
- 2 folders.
- H.175-H.179      1995.
- 5 folders.
- H.179-H.188      1996
- 9 folders.
- H.189      1997.

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- H.190-H.194**                      **United Kingdom Space Policy Sub-Committee**                      **1986-1990**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Shackleton, to enquire into United Kingdom space policy. Dainton was a member of the Committee.
- A debate on a motion to take note of the Select Committee's United Kingdom Space Policy Report was held on 30 March 1988. Dainton spoke in the debate.
- H.190                      *United Kingdom Space Policy. (2nd Report Session 1987-88 HL Paper 41). Volume 1 - Report.*
- H.191                      Official report from Hansard and Dainton's typescript 'Notes for Space Debate'.
- H.192                      Correspondence and papers *re* UK space policy, 1986-1989.
- H.193                      *United Kingdom Space Policy. Government Response to the Second Report of the Select Committee (Session 1987-88). HL Paper 105. 1988.*
- H.194                      *UK Space Policy. (7th Report Session 1989-90 HL Paper 61). Supplementary Report.*
- H.195-H.200**                      **Greenhouse Effect Sub-Committee**                      **1989-1991**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Carver, to enquire into the Greenhouse Effect. Dainton was a member of the Committee.
- A debate on a motion to take note of the Select Committee's Greenhouse Effect Report was held on 30 January 1990. Dainton spoke in the debate.
- H.195                      *Greenhouse Effect. (6th Report Session 1988-89 HL Paper 88). Volume I - Report.*



**House of Lords**

- /...
- H.203                    *Definitions of R & D.* (3rd Report Session 1989-90 HL Paper 44). Report with evidence.
- H.204                    Official Report from Hansard and Dainton's typescript notes for debate.
- H.205                    International Scientific Programmes Sub-Committee                    1991**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Carver to enquire into how the United Kingdom responds to proposals for international scientific programmes. Dainton was a member of the Committee.
- H.205                    *International Scientific Programmes.* (2nd Report Session 1990-1991 HL Paper 24).
- H.206-H.233            Systematic Biology Research Sub-Committee                    1979-1997**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Dainton, to enquire into Systematic Biology Research and of the contribution of this research to the preservation of biological diversity and to medicine.
- Its report was published as *Systematic Biology Research* (1st Report, 1991-92, H.L. Paper 22).
- A debate to take note of the Select Committee's Systematic Biology Research Report was held on 9 July 1992. Dainton moved the motion.
- H.206                    *Systematic Biology Research.* (Session 1990-91 HL Paper 41). Written Evidence received up to 21st May 1991.
- H.207                    *Systematic Biology Research.* (1st Report Session 1991-92 HL Paper 22). Volume I - Report.

**House of Lords**

- H.208                    *Systematic Biology Research. (1st Report Session 1991-92 HL Paper 22). Volume II - Oral Evidence and Written Evidence received after 21st May 1991.*
- H.209                    Official Report from Hansard on debate to take note of the report.
- H.210                    *Systematic Biology Research. Government response to the First Report of the House of Lords Select Committee on Science and Technology, 1991-92 Session. 1993.*
- H.211-H.227            Correspondence and papers arising, 1992-1997
- H.211                    1992.
- H.212-H.215            1993.  
4 folders.
- H.216-H.219            1994.  
4 folders.
- H.220, H.221            1995.  
2 folders.
- H.222, H.223            1996.  
2 folders.
- H.224                    1997.

**House of Lords**

- H.225-H.227      Correspondence and papers *re* International Symposium on the Preservation and Conservation of Natural History Collections, Madrid, 10-15 May 1992.  
  
3 folders.  
  
Include drafts and photographic slides for Dainton's paper titled 'Systematics Biology Research: An Outsider's Visit to the Secret Garden'.
- H.228, H.229      'Systematic Biology Follow-up papers', 1992-1997.  
  
Photocopied papers assembled by AM[akower], Clerk to the Select Committee, [1998].  
  
2 folders.
- H.230-H.233      Background papers *re* systematic biology.
- H.230-H.232      Papers *re* Global Environment Facility, 1991-1996.  
  
3 folders.
- H.233      Miscellaneous duplicated and printed papers *re* biological diversity, taxonomy etc, 1979-1994.  
  
1 bundle.
- H.234      Classification of Defence R&D Expenditure Sub-Committee      1992**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Flowers to enquire into the classification of defence R&D expenditure. Dainton was a member of the Sub-Committee.
- H.234      *Classification of Defence R&D Expenditure*. (3rd Report Session 1991-92). Report with evidence.

**House of Lords**

**H.235-H.258                      Forensic Science Sub-Committee                      1992-1998**

The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Dainton, to enquire into forensic science.

Its report was published as *Forensic Science* (5th Report, 1992-93, H.L. Paper 24).

A debate to take note of the Select Committee's Forensic Science Report was held on 15 April 1993. Dainton moved the motion.

- H.235, H.236                      *Forensic Science*. (5th Report Session 1992-93 HL Paper 24).
- H.235                                      Clean copy of report.
- H.236                                      Copy of report with extensive highlighting of passages of text and marginal emphasis.
- H.237                                      9pp manuscript notes headed 'F.S.S. Report' found enclosed between pp10 and 11 of the copy of the report at H.236.  
  
7pp manuscript notes headed 'Notes on Appendices'.
- H.238                                      *Forensic Science*. (Session 1992-93 HL Paper 24-I). Evidence received up to 31st July 1992.
- H.239                                      *Forensic Science*. (Session 1992-93 HL Paper 24-II). Evidence received after 31 July 1992.
- H.240                                      Official Report from Hansard of the debate to take note of the report.
- H.241                                      'Forensic Science Debate on the report, and correspondence received since publication'. Select Committee paper ST/93/FS.96.

**House of Lords**

- H.242                    *Forensic Science. Government Response to the Fifth Report of the Select Committee, Session 1992-93.* HL Paper 24-III. 1993.  
  
Corrected draft and printed version.
- H.243                    Draft note and Note by the Clerk [of the Select Committee] on 'Forensic Science The Select Committee's Report and the Report of the Royal Commission on Criminal Justice', 20 July 1993.  
  
Typescript notes for Dainton's speech in debate on Report of the Royal Commission on Criminal Justice, 26 October 1993.
- H.244-H.250            General correspondence and papers, 1993-1998.  
  
1998 correspondence is between Lady Dainton and the Royal Society of Chemistry after Dainton's death.
- H.244-H.246            1993.  
  
3 folders.
- H.247                    1994.
- H.248, H.249            1995.  
  
2 folders.
- H.250                    1996-1998 and n.d.
- H.251                    'Forensic Science - follow-up papers'. Papers, mostly photocopies, assembled by A. Makower, Clerk to the Select Committee.
- H.252-H.255            Papers *re* Royal Society of Chemistry Forensic Science Working Group, 1996-1998.  
  
4 folders.

**House of Lords**

- H.256, H.257            Hansard Extracts, 1993 and 1996.  
  
2 folders.
- H.258                    Miscellaneous printed material *re* forensic science, 1993-1994.  
  
1 bundle
- H.259-H.263            Priorities for the Science Base Sub-Committee            1993-1994**
- The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Flowers, to enquire into the Priorities for the Science Base. Dainton was a member of the Sub-Committee.
- A debate to take note of the Select Committee Priorities for the Science Base Report was held on 3 March 1994. Dainton spoke in the debate.
- H.259                    *Priorities for the Science Base. (2nd Report Session 1993-94 HL Paper 12-I).*
- H.260                    *Priorities for the Science Base. (Session 1993-94 HL Paper 12-II). Evidence received since 1st August 1993.*
- H.261                    *Priorities for the Science Base. Government response to the Second Report of the House of Lords Select Committee on Science and Technology, 1993-94. Cm2636. 1994.*
- H.262                    Typescript draft of Lord Flowers' speech opening the debate and typescript draft of Dainton's speech.
- H.263                    Correspondence and papers *re* the work of the Sub-Committee including briefing papers and photocopies of newspaper articles, 1993-1994.
- H.264                    Summaries of Previous Select Committee Reports which discuss priority setting.

### House of Lords

**H.265, H.266                      Defence Research Agency (DRA) Sub-Committee                      1993-1994**

The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Lord Selborne, to enquire into the Defence Research Agency (DRA).

Dainton was not a member of the Sub-Committee. However, the Chairman hoped Dainton 'might be willing to take an informal interest in the Committee from the sidelines'.

H.265                      *Defence Research Agency* (3rd Report 1993-1994 Session H.L. Paper 24).

H.266                      Correspondence and papers, 1993-1994.

**H.267-H.306                      Academic Research Careers Sub-Committee                      1992-1998**

The House of Lords Select Committee on Science and Technology appointed a Sub-Committee, under the chairmanship of Dainton, to enquire into Academic Careers for Graduate Scientists.

Its report was published as *Academic Research Careers for Graduate Scientists* (4th Report Session 1994-95 HL Paper 60). Report and volume of evidence.

A debate to take note of the report was held on 23 May 1996. Dainton opened the debate.

H.267                      *Academic Research Careers for Graduate Scientists* (4th Report Session 1994-95 HL Paper 60). 'Chairman's Copy' of report.

H.268                      Manuscript notes and press release found between pp30 and 31 of 'Chairman's Copy' of the report.

List of errata.

H.269                      *Academic Research Careers for Graduate Scientists* (4th Report Session 1994-95 HL Paper 60). Copy of report with manuscript corrections and much highlighting of text.

This copy of the report may have been prepared by Dainton for the debate on 23 May 1996. See H.270.

**House of Lords**

- H.270 Dainton's manuscript notes of the debate on 23 May 1996 and correspondence and papers, 1995-1996, found between pages 36 and 37 of the copy of the report at H.269.
- H.271 *Academic Research Careers for Graduate Scientists* (Session 1994-95 HL Paper 60-I). Evidence.
- H.272 Official Report from Hansard of the debate to take note of the report.
- H.273 Dainton's typescript notes for his speech opening the debate.
- H.274-H.283 Correspondence and papers *re* visit of the Sub-Committee to Washington DC, Philadelphia and Boston, March 1995.  
  
Includes schedules, photographs (H.280) and printed and duplicated background material.  
  
10 folders.
- H.284-H.286 'Paul Whittingham Data Sets'. Contents of plastic folder so labelled: correspondence and papers *re* compilation of data for the Sub-Committee, 1995.  
  
3 folders.
- H.287-H.297 Correspondence and papers, 1992-1997.  
  
Includes papers from Higher Education Funding Council England and Scottish Higher Education Funding Council.
- H.287 1992-1994.
- H.288-H.290 1995.  
  
3 folders.



### House of Lords

- H.307 Dainton's correspondence with Waldegrave, 1992-1993.
- H.308 Papers sent to Waldegrave by Dainton, September 1992 in connexion with the preparation of the White Paper.
- H.309 *Realising our potential A Strategy for Science, Engineering and Technology*. Cm 2250. 1993.
- H.310-H.315 Duplicated and printed papers, including papers submitted to the minister during the preparation of the White Paper or commenting on it after publication, ca 1990-1996.  
  
5 folders and 1 bundle.
- H.316 Miscellaneous duplicated and printed background material on science and technology issues, arranged chronologically, 1982-1996.  
  
The sequence includes a little correspondence.
- H.316-H.318 1982.
- H.316 *An Enquiry into the Social Science Research Council* by Lord Rothschild. Cmnd 8554.
- H.317 The Social Science Research Council's evidence to Lord Rothschild and related papers.
- H.318 Advisory Board for the Research Councils University Grants Committee *Report of a Joint Working Party on the Support of University Scientific Research*. Cmnd 8567.
- H.319-H.323 1985.
- H.319 *The Cambridge Phenomenon. The Growth of High Technology Industry in a University Town* by Segal Quince and Partners.  
  
A sheet of manuscript notes by Dainton is enclosed inside the front cover.

**House of Lords**

H.320-H.323	Correspondence and papers including newspaper articles. 4 folders.
H.324, H.325	1986. 1 folder and 1 bundle.
H.326	1987-1989. 1 folder.
H.327	1990. 1 bundle.
H.328	1991. 1 bundle.
H.329	1992. 1 bundle.
H.330	1993. 1 bundle.
H.331, H.332	1994. 1 folder and 1 bundle.
H.333, H.334	1995. 1 folder and 1 bundle.

**House of Lords**

- H.335-H.338                      1996.  
  
3 folders and 1 bundle.
- H.339-H.363                      SELECT COMMITTEE ON THE HOUSE OF LORDS' OFFICES 1982-1998  
LIBRARY SUB-COMMITTEE**
- Dainton was co-opted as a member of the Library Sub-Committee 26 March 1987 and appointed to the Offices Committee 2 March 1988. He was Chairman of the Sub-Committee from 16 March 1988. As Chairman of the Library Sub-Committee he became ex officio a member of the Computer, Administration and Finance Sub-Committees. In 1992 the separate Library and Computer Sub-Committees were replaced a Library and Computers Sub-Committee chaired by Dainton.
- H.339                                Note prepared for Dainton on the Library and Computers Sub-Committee by E.J.J. Wells, 7 December 1994, with covering note by Philippa Tudor, 12 March 1998.
- Selection of letters and papers, 1989-1991, with covering note by Philippa Tudor, 13 March 1998.
- H.340-H.343                      List of the meetings chaired by Dainton and minutes of the meetings, 1988-1994.  
  
4 folders.
- H.344-H.362                      Correspondence and papers, 1987-1994.
- H.344                                1987.  
  
Includes invitation to serve as a co-opted member of the Sub-Committee.
- H.345-H.348                      1988.
- H.345                                Includes invitation to serve as Chairman of the Sub-Committee.
- H.346                                Correspondence and papers *re* meeting, 25 May 1988.

### House of Lords

- H.347 Correspondence and papers *re* Library periodical store.
- H.348 Photocopies of papers possibly made available to Dainton in connexion with his assumption of the Chairmanship in 1988.
- H.349-H.354 1989.
- H.349, H.350 Correspondence and papers *re* meeting, 1 March 1989.  
2 folders.
- H.351-H.353 Correspondence and papers *re* Informal Working Group.  
3 folders.  
  
The Informal Working Group was set up by the Library Sub-Committee on 1 March 1989 'to consider to what extent the recommendations of the Eccles Report [issued March 1977] are being met and, if they are met, what are the implications'.  
  
The papers at H.352 are the contents of Dainton's folder inscribed 'H/L Lib Cttee Informal Working Group'.
- H.354 General correspondence and papers.
- H.355-H.360 1990.
- H.355, H.356 General correspondence and papers.  
2 folders.
- H.357 Correspondence and papers *re* meeting, 21 June.
- H.358 Administration Sub-Committee papers.
- H.359 Finance Sub-Committee papers.

**House of Lords**

- H.360 House of Lords' Offices Select Committee papers.
- H.361 1991.  
General correspondence and papers.
- H.362 1994.  
'Brief account of the history of the Library (and later also Computers) Sub-Committee' during Dainton's membership sent to the Clerk of the Parliaments with covering letter, 31 December.
- H.363 Background papers, 1982-1986.  
1 bundle.
- H.364-H.374 PARLIAMENTARY OFFICE OF SCIENCE AND TECHNOLOGY (POST) 1990-1997**
- Dainton was a member of the Board of the Parliamentary Office of Science and Technology.
- H.364-H.367 Correspondence and papers, 1996-1997.  
The sequence includes papers for Board meetings.  
4 folders.
- H.368-H.373 POSTnotes, 1990, 1994-1997.  
POSTnotes are described as 'intended to give Members an overview of issues arising from science and technology'.  
6 folders.
- H.374 POST technical reports, 1994-1997.  
1 bundle (11 volumes).

Catalogue of the papers and correspondence of

**Frederick Sydney Dainton FRS,  
Baron Dainton of Hallam Moors**

(1914-1997)

**VOLUME II**

Sections J - O

by Timothy E. Powell, Peter Harper and  
Caroline Thibeaud

NCUACS catalogue no. 112/11/02

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**VOLUME II**

Section J: Societies and organisations

Section K: Publications

Section L: Lectures

Section M: Visits and conferences

Section N: Correspondence

Section O: Photographic slides

by Timothy E. Powell, Peter Harper and Caroline Thibeaud

NCUACS catalogue no. 112/11/02

**SECTION J**

**SOCIETIES AND ORGANISATIONS**

**J.1-J.998**

J.1	ADVISORY BOARD FOR THE RESEARCH COUNCILS
J.2	ALL SOULS GROUP
J.3-J.14	ARKWRIGHT SOCIETY
J.15-J.32	ARTHRITIS AND RHEUMATISM COUNCIL
J.33-J.65	ASPEN INSTITUTE OF HUMANISTIC STUDIES
J.66	ASSOCIATION OF PUBLIC ANALYSTS
J.67-J.72	BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
J.73-J.175	BRITISH LIBRARY
J.176-J.179	CAMPAIGN FOR OXFORD
J.180	CAVENDISH HIP FELLOWSHIP APPEAL
J.181-J.212	CENTRAL ADVISORY COUNCIL FOR SCIENCE AND TECHNOLOGY
J.213-J.226	COMMITTEE ON MANPOWER RESOURCES FOR SCIENCE AND TECHNOLOGY; WORKING GROUP ON MANPOWER PARAMETERS FOR SCIENTIFIC GROWTH
J.227-J.398	COUNCIL FOR SCIENTIFIC POLICY
J.399, J.400	EDUCATIONAL BROADCASTING SERVICES TRUST
J.401-J.442	EDWARD BOYLE MEMORIAL TRUST
J.443-J.449	FOUNDATION FOR SCIENCE AND TECHNOLOGY

**Societies and organisations**

J.450-J.469	GENERAL TEACHING COUNCIL
J.470-J.523	GOLDSMITHS' COMPANY
J.524-J.530	HAROLD HYAM WINGATE FOUNDATION
J.531-J.535	HIGH STORRS SCHOOL, SHEFFIELD
J.536-J.541	INSTITUTE OF OPHTHALMOLOGY
J.542-J.556	INTERNATIONAL FEDERATION OF ASSOCIATIONS FOR THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY
J.557-J.559	JUSTICE TRUST APPEAL
J.560	LIVER FOR LIFE APPEAL
J.561-J.609	LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE
J.610	MINISTRE DES AFFAIRES CULTURELLES, FRANCE: COMMISSION ON THE GROTTES DE LASCAUX
J.611-J.613	MUSEUMS AND GALLERIES COMMISSION
J.614-J.624	NATIONAL LIBRARIES COMMITTEE
J.625-J.687	NATIONAL UNIVERSITY OF SINGAPORE
J.688-J.692	NEW OXFORD ENGLISH DICTIONARY
J.693-J.705	NEWNHAM COLLEGE CAMBRIDGE
J.706, J.707	NUFFIELD ORTHOPAEDIC CENTRE APPEAL
J.708	PALESTINE EXPLORATION FUND

**Societies and organisations**

J.709	ROYAL COLLEGE OF RADIOLOGISTS
J.710-J.718	ROYAL INSTITUTE OF BRITISH ARCHITECTS
J.719-J.814	ROYAL POSTGRADUATE MEDICAL SCHOOL
J.815-J.822	ROYAL SOCIETY OF CHEMISTRY
J.823-J.826	ROYAL SOCIETY OF LONDON: <i>AD HOC</i> GROUP ON THE REVIEW OF THE UGC
J.827-J.855	ST HILDA'S COLLEGE OXFORD
J.856-J.858	ST LUKE'S HOSPICE, SHEFFIELD
J.859	SAVE BRITISH SCIENCE SOCIETY
J.860-J.869	SHEFFIELD GALLERIES AND MUSEUMS TRUST
J.870	SHEFFIELD KIDNEY RESEARCH FOUNDATION
J.871-J.880	SOCIETY OF DESIGNER-CRAFTSMEN
J.881	SOUTH YORKSHIRE COMMUNITY FOUNDATION
J.882-J.892	UNIVERSITY OF EAST ANGLIA
J.893-J.905	UNIVERSITY OF LONDON: CITY AND EAST LONDON MEDICAL EDUCATION GROUP
J.906	UNIVERSITY OF MANCHESTER
J.907-J.965	WOLFSON FOUNDATION
J.966-J.998	WORKING GROUP ENQUIRY INTO THE FLOW OF CANDIDATES IN SCIENCE AND TECHNOLOGY INTO HIGHER EDUCATION



**Societies and organisations**

J.4	May-September 1986.	
J.5	1987.	
J.6	January-May 1988.	
J.7	June-December 1988.	
J.8	1989.	
J.9	1990.	
J.10	1991.	
J.11	1992.	
J.12	1993.	
J.13	1994-1997.	
J.14	Miscellaneous printed material.	
<b>J.15-J.32</b>	<b>ARTHRITIS AND RHEUMATISM COUNCIL</b>	<b>1988-1998</b>

Dainton served as President of the Arthritis and Rheumatism Council from 1988. As President he was also on the Council's Executive and Finance Committee and a member of the Mathilda and Terence Kennedy Institute of Rheumatology and its Management Committee.

/...

### Societies and organisations

- /... The Executive and Finance Committee met jointly with the Kennedy Institute Management Committee. After restructuring of the management of the charity in 1997, Dainton resigned from the Kennedy Institute.
- J.15 Letters to Dainton following his appointment as President, May 1988.  
The letters enclosed copies of the Memorandum and Articles of Association of the Arthritis and Rheumatism Council and the Kennedy Institute.
- J.16-J.25 Papers of meetings of the Council, and the Executive and Finance Committee and Kennedy Institute Management Committee, 1988-1997.
- J.16 1988-1991.
- J.17 1994.
- J.18 1995.
- J.19 February-July 1996.
- J.20-J.22 November 1996.  
3 folders.
- J.23, J.24 May 1997.  
2 folders.
- J.25 July 1997.
- J.26-J.32 Correspondence *re* Council and Kennedy Institute affairs, 1990-1998.
- J.26 1990-1991. Chiefly *re* response to anti-vivisection campaign.

### Societies and organisations

- J.27 1992.
- J.28 1993-1994.
- J.29 February-September 1996.
- J.30 October-December 1996.
- J.31 January-March 1997.
- J.32 April 1997-1998.
- J.33-J.65 ASPEN INSTITUTE OF HUMANISTIC STUDIES 1974-1979**
- The Aspen Institute, based in Aspen, Colorado, USA, was founded in 1949 to promote discussion of economic, environmental and social questions within the core values of democratic capitalism. It ran annual seminars attended by policy-makers from different countries.
- Dainton and his wife first attended an Aspen Institute seminar in 1974. They were invited back in subsequent years, Dainton playing an important role in formulating the Institute's 'Science, Technology and Humanism' program and Barbara Dainton attending other seminars as a participant in her own right.
- J.33-J.38 Executive Seminar Program on 'The Educated Person in the Contemporary World', 28 July-11 August 1974.
- J.33 Invitation and correspondence arising, March-June 1974.
- J.34 Information for participants, including list of participants and programme.
- J.35 Dainton's manuscript notes; photocopy of report from the *New York Times*, 10 August 1974.

### Societies and organisations

- J.36, J.37                      Typescript background papers.  
  
2 folders.
- J.38                              Letters home from Barbara Dainton to the children, recounting their experiences in Aspen, July and August 1974.
- J.39-J.42                      Executive Seminar Program, July-August 1975.  
  
Dainton attended an Executive Program seminar on Critical Choices. Food and Climate Issues. He spoke at a Round Table meeting on 14 August, discussing the Earth's resources.  
  
From this developed Dainton's involvement in the 'Science, Technology and Humanism' program.
- J.39                              Manuscript and typescript material for Round Table, including manuscript draft of Dainton's contribution.
- J.40                              Annotated program brochure inscribed 'Barbara Dainton, Aspen 1975', for program on constitutional matters, with photograph of participants.  
  
Barbara Dainton is shown as a main participant and Dainton as her spouse.
- J.41                              Aspen Institute Policy Paper *Human Requirements; Supply Levels and Outer Bounds: A Framework for Thinking about the Planetary Bargain* (1974), used to inform debate on resource issues.
- J.42                              Letter from T. O'Brien, arising from Aspen Institute meeting and enclosing article on ecological issues, 25 September 1975.
- J.43-J.48                      Correspondence and papers *re* issue of scientific literacy, August 1975-May 1976.  
  
This was a concern raised by Dainton. He wrote a paper 'Scientific Literacy' circulated to members of the Institute.
- J.43                              31pp photocopied manuscript draft of 'Scientific Literacy'.

### Societies and organisations

- J.44 21pp typescript draft.
- J.45-J.48 Correspondence and papers *re* scientific literacy, including responses to Dainton draft, August 1975-May 1976.
- J.45 August 1975.
- J.46, J.47 September 1975.  
2 folders.
- J.48 May 1976.
- J.49 Papers *re* Aspen Institute 'Governance Project', June, July 1976.
- J.50 Correspondence and papers *re* Aspen Institute 'Science, Technology and Humanism' program, August-September 1976.  
Includes manuscript 'Notes for a meeting 11 Aug 1976'.
- J.51 Correspondence and papers *re* 'Science, Technology and Humanism' program, April-May, 1977.
- J.52-J.56 Aspen Institute, August 1977.  
Dainton attended events in connection with the 'Science, Technology and Humanism' program, while Barbara Dainton participated in the Program on 'Woman and Men in a Changing Society'.
- J.52-J.54 'Science, Technology and Humanism'.  
Dainton gave a lecture on 'What is Science for anyway?'.
- J.52 35pp typescript of Dainton's lecture.

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- J.53 Papers *re* arrangements for meeting on the project, 16-17 August 1977.
- J.54 Dainton's and M. Adams' manuscript notes.
- J.55, J.56 'Women and Men in a Changing Society'.
- J.55 Booklet of Commentaries on texts and authors.
- J.56 Barbara Dainton's manuscript notes; correspondence, August 1977.
- J.57 Correspondence *re* Aspen Institute activities for 1978, September-November 1977.
- J.58-J.64 Executive Seminar Program, 6-19 August 1978.  
  
Dainton was invited as a 1978 Aspen Institute Presidential Fellow. He attended the Workshop on Planning for Science and Technology in Development, 13-16 August and served as moderator of the seminar on 'Planning Library and Information Services for the 21st Century', 6-7 August.
- J.58 Correspondence and papers *re* arrangements, March-August 1978.
- J.59-J.63 Workshop on Planning for Science and Technology in Development.
- J.59 Agenda, list of participants, list of background material circulated to participants.
- J.60-J.62 Background material circulated to participants.  
  
3 folders.
- J.63 Other typescript and manuscript material.

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- J.64 Seminar on Planning Library and Information Services for the 21st Century.  
Programme; list of participants; Dainton's manuscript notes etc.
- J.65 Correspondence, 1979.
- J.66 **ASSOCIATION OF PUBLIC ANALYSTS** **1995, 1996**  
  
Dainton was an Honorary Vice-President.
- J.66 Correspondence and papers *re* Association, 1995-1996.
- J.67-J.72 **BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE** **1980-1992**  
  
Dainton was President of the British Association (BA) 1980.  
  
He also represented the BA at the inaugural meeting of the International Federation of Associations for the Advancement of Science and Technology held in Hong Kong in 1991 (see J.542-J.556).
- J.67 'Scientists: architects of the present, cartographers of the future', BA Presidential Address, 32pp typescript, September 1980.
- J.68 Papers from BA Annual Meeting, Brighton 22-26 August 1983.  
  
Includes Dainton's manuscript notes on papers by Geoffrey Allen and C.L. Vaughan.
- J.69-J.71 Material *re Link-Up*, BA Magazine, 1984-1985  
  
This was launched in September 1984.
- J.69 Copy of first issue, with letter to Dainton from Margaret Thatcher, Prime Minister, expressing apologies for being unable to attend the launch, 11 September 1984.

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- J.70 Photocopies of articles by Dainton from *Link-Up*:  
'A Fresh Beginning', *Link-Up*, April 1985.  
'In praise of communication', *Link-Up*, July-September [?1985].
- J.71 Photocopy of Dainton's 7pp manuscript notes on content of *Link-Up*,  
January-March 1985.
- J.71A Papers for BA Science Audit meeting, 16 January 1986.
- J.72 Papers of BA Audit Committee, 1990, 1992.

### J.73-J.175

### BRITISH LIBRARY

1979-1997

In 1978 Dainton was appointed Chairman of the British Library Board in succession to Lord Eccles. He arrived at one of the most difficult times in the history of the Library. A new site had been acquired on Euston Road at St Pancras but there was considerable opposition to the move from the Reading Room at the British Museum (and numerous other sites around London). The difficulties were exacerbated when the Labour party lost the 1979 election, as the incoming Conservative Government was not committed to the project. A number of prominent Conservative supporters, including Professor Hugh Thomas of the think-tank the Centre for Policy Studies, opposed the new development. Dainton met Margaret Thatcher, the Prime Minister, personally in September 1980 and this was important in persuading her of the case for the new site.

Dainton served as Chairman until 1985. His successor was Lord Quinton but Dainton remained in touch with developments.

- J.73-J.144 Chairmanship of British Library Board
- J.145-J.165 Wolfson Awards Committee/British Library Grants  
for Cataloguing and Preservation Awards  
Committee
- J.166-J.172 Friends of the British Library
- J.173-J.175 American Trust for the British Library

See A.270-A.274 for material relating to Dainton's retirement from the chairmanship.

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**J.73-J.144                      Chairmanship of British Library Board**

- J.73-J.125                      General correspondence and papers
- J.126-J.128                      Personal British Library correspondence
- J.129-J.144                      Printed background material

**J.73-J.125                      General correspondence and papers                      1979-1997**

Dainton did not keep a comprehensive record of his chairmanship of the Board. The material presented here is chiefly Dainton's own record of key papers.

- J.73                      'British Library Euston. Final Design Report', Supplement January 1979.  
  
Illustrations and plans of the proposed new building.
  
- J.74                      'The British Library, Euston: views of Professor Hugh Thomas', 46pp typescript analysis of the arguments against the new development and counter-arguments, January 1979.
  
- J.75                      Correspondence and papers *re* public debate about the new development, August-December 1979.  
  
Includes photocopies of letters to the press.
  
- J.76                      'The British Library. The case for a reconsideration of the plans', 40pp photocopy typescript of pamphlet by Hugh Thomas, extensively and critically annotated by Dainton. November 1979.
  
- J.77                      Material arising from the pamphlet: manuscript note to Dainton on the line taken with the Prime Minister, Margaret Thatcher, November 1979; photocopies of press-cutting on the pamphlet, December 1979 and January 1980; correspondence, January 1980.
  
- J.78                      Draft of 'The British Museum case for the British Library Building', 13pp typescript, 15 February 1980.

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- J.79 Annotated 'Report of the Reference Division Head of Conservation', 20pp typescript, 1 April 1980.
- J.80 Photocopy of Second Report of the House of Commons Education, Science and Arts Committee, 15 May 1980.  
  
This recommended a start be made on the new development.
- J.81 Printed brochure on the new development, May 1980.
- J.82 Correspondence and papers, May-September 1980.
- J.83-J.85 Correspondence and papers *re* meeting with Margaret Thatcher, July-September 1980.  
  
Dainton met the Prime Minister on 16 September 1980.
- J.83 Correspondence *re* arrangements for meeting, briefing information supplied to Dainton.
- J.84 Manuscript and typescript notes, including Dainton's 'Aide-memoire'.
- J.85 Letter from the Prime Minister's Private Secretary to the Office of the Chancellor of the Duchy of Lancaster, setting out the discussion between Dainton and the Prime Minister, 16 September 1980.
- J.86 Draft of press-release from N. St John Stevas, Chancellor of the Duchy of Lancaster, announcing plans for British Library development, [?November] 1980.
- J.87 Papers *re* visit of the Prime Minister to the British Library Board for unveiling of bronze head of Lord Eccles (the first Chairman of the Board), 25 November 1980.  
  
Includes programme for visit, draft of Dainton's remarks (expressing gratitude to the Prime Minister) before unveiling by the Prime Minister.

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- J.88                      Photocopies of correspondence and papers *re* costs of the new development, 1979-1981, sent to Dainton, 28 June 1982.
- J.89-J.92                'Unveiling of the Foundation Stone of the British Library, London by H.R.H. The Prince of Wales on 7 December 1982'. Contents of folder so embossed.
- J.89                      Papers *re* arrangements; programme for royal visit. December 1982.
- J.90                      Dainton's typescript notes for speeches at 'Unveiling of the Foundation Stone', 'Presentation of book' and 'At lunch-presentation of paperweight'.
- J.91, J.92                Printed and illustrative material.  
  
2 folders.
- J.93                      Papers and correspondence, January, February 1984.  
  
Includes 2pp typescript 'Some arguments for a corporate BL structure' by Lynne Brindley, 30 January 1984.
- J.94                      Papers for British Library press-conference, 23 February 1984.  
  
This press-conference was to launch the BL's annual report.  
  
Includes briefing notes and Dainton's manuscript notes.
- J.95                      Papers, March-April 1984.  
  
Includes papers on phasing of the building and memorandum on 'The British Library in 1984'.
- J.96                      Board Papers, May 1984.  
  
Includes 'The British Library, St Pancras: timetable and forthcoming decisions', annotated by Dainton.

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- J.97, J.98 Board Papers, June 1984.
- J.97 Includes 'The British Library and the Future', annotated by Dainton.
- J.98 Paper on phasing of the building.
- J.99, J.100 Correspondence and papers, July 1984.
- J.99 Includes Dainton's request for current information on 'durable miniaturisation of holdings' and replies thereto.
- J.100 Draft of Office of Arts and Libraries/Property Services Agency report on the British Library development.
- J.101 Final version of Office of Arts and Libraries/Property Services Agency report on the British Library development, 2 August 1984.
- J.102 10pp typescript draft of letter from Dainton to Kenneth Cooper, Chief Executive, Office of Arts and Libraries, 'to acquaint you with some problems which the Library faces or may face, and, to share with you some of my own reflections on them', 24 August 1984.
- J.103 Memorandum to K. Cooper, August 1984.
- J.104 Miscellaneous papers *re* new building, September, October 1984.
- J.105, J.106 Papers for press-conference, 19 December 1984.  
This press-conference presented the British Library's Annual Report for 1983-1984.
- J.105 Manuscript notes, press-releases etc.
- J.106 Copy of Annual Report.

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- J.107                      Miscellaneous correspondence and papers, *ca* February-May 1985.
- J.108                      Correspondence and papers *re* future organisation of the British Library's Bibliographic Services Division, June 1985.
- J.109-J.112              Papers *re* British Library Strategic Plan for 1985-1990. May-October 1985.
- J.109                      Brief correspondence; manuscript outline by Dainton; copy of British Library staff newsletter 'Focus', with information about the Strategic Plan. May-July 1985.
- J.110                      Draft of Strategic Plan, July 1985.
- J.111                      Papers *re* publication of Strategic Plan and associated press-conference, September-October 1985.  
  
Includes Dainton's manuscript notes for press-conference.
- J.112                      *Advancing with Knowledge. The British Library Strategic Plan 1985-1990* (British Library, London, 1985).
- J.113, J.114              Correspondence and papers *re* meeting with Richard Luce, Minister for the Arts, 24 September 1985.
- J.113                      Includes Dainton's manuscript notes for meeting.
- J.114                      Briefing notes, September 1985.
- J.115                      Miscellaneous papers, December 1985.  
  
Includes press releases from Office of Arts and Libraries and copy of letter from Hugh (now Lord) Thomas to Margaret Thatcher *re* the Round Reading Room.

**Societies and organisations**

- J.116 Correspondence and papers, January 1986.  
Chiefly *re* computerisation system.
- J.117 Correspondence and papers *re* Register of Microform Masters, January-September 1986.
- J.118 Papers *re* announcement of further funding for the new development, January 1987.
- J.119 Correspondence and papers *re* Chairmanship of the British Library, 1989.  
Includes earlier material *re* possible candidates, 1985.
- J.120 Correspondence and papers *re* British Museum Round Reading Room, August 1990.
- J.121 Correspondence and papers *re* House of Lords debate on the British Library, 11-12 December 1991.  
Dainton spoke in the debate.  
Includes manuscript draft and photocopy manuscript drafts of Dainton's contribution and Hansard Official Report of the debate.
- J.122 Correspondence and papers *re* land to north of the new building, February 1994.  
Dainton argued this should be acquired for the National Sound Archive.  
Includes briefing notes and Dainton's manuscript notes for contribution to House of Lords debate.
- J.123 Miscellaneous papers, 1996.
- J.124 Papers sent to Dainton prior to BBC interview on the British Library and Bibliotheque nationale de France, March 1997.

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- J.125 Correspondence and papers *re* status of legal deposit libraries, March-April 1997.
- J.126-J.128 Personal British Library correspondence 1985-1997**
- J.126 1985, 1987.
- J.127 1986-1992.  
Includes arrangements for interview on the British Library for the National Sound Archives, 1986.
- J.128 1994-1997.  
Chiefly correspondence with C. St J. Wilson, the architect of the new Library.
- J.129-J.144 Printed background material 1967-1997**
- J.129 Hansard record of Parliamentary debates on future of British Museum Library, October-December 1967.
- J.130 'The British Library', White Paper, Cmnd 4572, January 1971; explanatory notes on the British Library Bill, 1972.
- J.131-J.135 British Library guides and reports etc. 1980s-1990s.  
5 folders.
- J.136 British Library 'Facts & Figures', 1989-1997.
- J.137-J.139 Press-cuttings, 1989-1995.  
J.137, J.138 are selections of cuttings prepared by the British Library; J.139 are cuttings collected by Dainton.  
3 folders.

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- J.140 Issues of 'Focus', British Library Staff Newsletter, September 1991-May 1993.
- J.141 Issues of 'Shelf Life', British Library Staff Newsletter, May 1995-October 1997.
- J.142-J.144 Miscellaneous background material.  
3 folders.
- J.145-J.165 Wolfson Awards Committee/British Library Grants for Cataloguing and Preservation Awards Committee**
- In 1985 the Wolfson Foundation and Wolfson Family Charitable Trust granted the British Library over £1 million annually for grants towards the purchase, preservation and cataloguing of library and archive material. The Wolfson Awards Committee was established to oversee the awards with Dainton as chairman.
- The Wolfson grants for cataloguing came to an end in 1989 and those for preservation projects in 1992. It was felt, however, that these grants had made a valuable contribution in support of cataloguing and preservation projects and in 1989 the National Manuscripts Conservation Trust was established to raise funding for grants for preservation projects. In March 1993 the British Library Board set up a new body, the British Library Grants for Cataloguing and Preservation Awards Committee, which made £125,000 available annually. Dainton chaired this Committee from its establishment.
- Material relating to Dainton's Trusteeship of the Wolfson Foundation is at J.907-J.965.
- J.145-J.150 Wolfson Awards 1985-1991
- J.145 General correspondence and papers *re* Wolfson funding, 1986-1991.  
Chiefly *re* future funding of cataloguing and preservation projects.
- J.146-J.148 Papers of meetings of the Wolfson Awards Committee, 1985-1991.
- J.146 1985-1986.

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- J.147 1987-1988.
- J.148 1989-1991.
- J.149 'Final Report on the Grant to the British Library from the Wolfson Foundation and the Wolfson Family Charitable Trust', March 1989.
- J.150 Minutes of meeting of Working Party to discuss post Wolfson funding, 10 December 1991.
- J.151-J.153 National Manuscripts Conservation Trust, 1989-1993.
- J.151 General correspondence, 1990-1993.
- J.152, J.153 Papers for meetings of the Trust and for joint meetings with the Wolfson Awards Committee, 1989-1992.
- J.152 1989, 1990.
- J.153 1991, 1992.
- J.154-J.165 British Library Grants for Cataloguing and Preservation Awards Committee
- J.154-J.158 General correspondence, 1993-1997.
- J.154 1993-1994.
- J.155 January-March 1995.
- J.156 April-December 1995.

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J.157	1996	
J.158	1997.	
J.159-J.165	Papers for meetings of the Awards Committee, 1993-1997.	
J.159	1993, 1994.	
J.160	1995.	
J.161	April 1996.	
J.162, J.163	October 1996. 2 folders.	
J.164	April 1997.	
J.165	October 1997.	
<b>J.166-J.172</b>	<b>Friends of the British Library</b>	<b>1989-1997</b>
	This association was founded in 1989 to provide financial assistance to and promote the cause of the British Library. Dainton was an Honorary Vice-President of the Friends.	
J.166	Constitution of the Friends.	
J.167-J.171	Papers for meetings of the Council, 1989-1997.	
J.167	1989.	

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J.168 1990-1992.

J.169 1993-1995.

J.170 1996.

J.171 1997.

J.172 Correspondence 1995, 1996.

**J.173-J.175 American Trust for the British Library 1989-1997**

The Trust was established in 1979 to support efforts to build up the British Library's collection of American published material, including replacing stock destroyed in the Second World War. Dainton was a Trustee but resigned in 1992 to facilitate restructuring of the Trust.

Correspondence and papers, 1989-1997.

J.173 1989. Chiefly *re* support from American foundations and establishment of Robert Maxwell Centre for American Studies at the British Library.

J.174 1990-1991. Chiefly *re* Robert Maxwell Centre for American Studies.

J.175 1992, 1997.

**J.176-J.179 CAMPAIGN FOR OXFORD 1988-1994**

Dainton was on the President's Committee of the Campaign from its launch in 1988 to its winding up six years later.

J.176 Correspondence *re* launch, including invitation to serve on the President's Committee, 1988.

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J.177 Correspondence and papers, including Dainton's report on his efforts to win support for the Campaign in Australia and New Zealand, 1989-1994.

J.178, J.179 Campaign literature.  
2 folders.

**J.180 CAVENDISH HIP FELLOWSHIP APPEAL 1997**

Dainton agreed to become a Patron of the Appeal following his own hip operation. It aimed to raise £500,000 for a Fellowship in Hip Surgery at Sheffield.

J.180 Correspondence and papers *re* the Appeal, 1987.

**J.181-J.212 CENTRAL ADVISORY COUNCIL FOR SCIENCE AND TECHNOLOGY 1967-1970**

The Central Advisory Council for Science and Technology (CAC) was established under the chairmanship of S. Zuckerman in 1967. Its terms of reference were: 'To advise the Government on the most effective national strategy for the use and development of our scientific and technological resources'.

It reported to the Cabinet Office and complemented the Council for Scientific Policy (established in 1965), which reported to the Secretary of State for Education and Science and which had no responsibility for industrial research.

Dainton was a member of the CAC from 1967.

The material is papers for meetings of the CAC 1967-1970. At J.181 is a list of CAC documents received by Dainton, with annotations against each indicating whether they were retained by him or returned.

J.181 List of CAC documents received by Dainton 1967-1970.

The list is annotated to indicate whether they were retained by him or returned.

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- J.182-J.212           CAC papers, 1967-1970.
- J.182-J.184           1967.  
3 folders.
- J.185-J.193           1968.  
9 folders.
- J.194-J.205           1969.  
12 folders.
- J.206-J.212           1970.  
7 folders.
- J.213-J.226           COMMITTEE ON MANPOWER RESOURCES FOR SCIENCE   1968-1969  
AND TECHNOLOGY; WORKING GROUP ON MANPOWER  
PARAMETERS FOR SCIENTIFIC GROWTH**
- This Working Group was established under the chairmanship of Lord Swann in December 1965. Dainton was a member. Its terms of reference was to discover whether there was any imbalance in the employment of qualified engineering, technological and scientific manpower and if so what steps could be taken to correct the imbalance. It reported in September 1968 in *The Flow into Employment of Scientists, Engineers and Technologists* Cmnd 3760 (the Swann Report).
- The bulk of the material relates to a joint University of Nottingham and Confederation of British Industry Forum on the Swann Report, Nottingham, 6-7 January 1969.
- J.213                 *Interim Report of the Working Group on Manpower Parameters for Scientific Growth*, Cmnd 3102, October 1966.

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- J.214                    *Report of the Working Group on Manpower Parameters for Scientific Growth*, Cmnd 3760, September 1968.  
  
Annotated on cover by Dainton.
- J.215                    Duplicated typescript papers *re* response to Swann Report from the Committee of Vice-Chancellors and Principals, 1968.
- J.216                    Other papers *re* responses to the Swann Report, 1968-1969.
- J.217-J.219            Correspondence arising from the report, including arrangements for Forum at Nottingham, October 1968-February 1969.
- J.217                    October-November 1968.
- J.218                    Letter from Edward Heath MP, enclosing paper 'The supply and deployment of scientific and technological manpower' by M. Hall, delivered to Conservative Party Technology Committee, 12 November 1968.
- J.219                    December 1968-January 1969.
- J.220-J.226            Forum on the Swann Report.
- J.220                    Programme, list of participants, information.
- J.221                    Dainton's manuscript notes for opening of proceedings.
- J.222-J.224            Papers presented or circulated at the Forum.  
  
3 folders.
- J.225                    Manuscript notes on proceedings by ?R.V. Arnfield; typescript 'Rough notes' on proceedings by 'JNW'.

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J.226 Bound copy of Summary Report of the Forum.

J.227-J.398

#### COUNCIL FOR SCIENTIFIC POLICY

1967-1973

Dainton was appointed a member of the Council for Scientific Policy (CSP) on its establishment in January 1965. Its terms of reference were: 'To advise the Secretary of State for Education and Science in the exercise of his responsibility for the formation and execution of Government scientific policy'.

He was appointed chairman in 1969, succeeding Sir Harrie Massey. The Council was replaced in 1972 by the Advisory Board for the Research Councils, of which Dainton was the first Chairman 1972-1973 (see J.1).

The bulk of the material relates to the Report *A Framework for Government Research and Development* (Green and White Papers Cmnds 4814 and 5046). This comprised two reports. The first was a personal report by Lord Rothschild, head of the Central Policy Review Staff on 'The organisation and management of research and development', commissioned in 1970. The second was a report 'The future of the Research Council system' by a CSP Working Group on Research Organisation chaired by Dainton 'to advise the Secretary of State ... on the most effective arrangements for organising and supporting pure and applied scientific research and postgraduate training'. This had also been established in 1970.

After the publication of the Green Paper containing the two, not entirely compatible, reports, the CSP established a Working Group (later known as the Preparatory Group) 'to advise the CSP on the formulation of views on the Green Paper in general and the application of the customer/contractor principle to the Research Councils in particular'. This was chaired by Dainton.

Dainton also chaired a Working Group enquiring into the flow of candidates in science and technology into higher education (the Swing Away from Science), set up by the CSP in 1965. See J.966-J.998.

J.227-J.242	General
J.243-J.245	Working Party on Reorientation of Scientific Research Activity
J.246-J.292	Working Group on Research Organisation
J.293-J.369	Preparatory Group and the response to the Rothschild Report
J.370-J.398	Relations with the Research Councils

**Societies and organisations**

<b>J.227-J.242</b>	<b>General</b>	<b>1967-1972</b>
J.227	List of CSP papers circulated 1965-1972.  Dainton has annotated some of the list with a note as to whether the papers were returned or retained.	
J.228	Paper on 'Criteria for Scientific Policy: some issues', December 1967.  Includes list of CSP committees.	
J.229	Manuscript note by Dainton for item two of the agenda of the meeting of CSP, 27 June 1969.	
J.230	Correspondence <i>re</i> chairmanship of the CSP, 1969.	
J.231	Correspondence and papers, responding to discussion paper on 'The Role of the Council' by Dainton, January-February 1970.  Includes manuscript draft and copy as circulated of the discussion paper.	
J.232	Copy of <i>Industry, Science and Universities</i> (CBI, London, 1970), report of a Working Party (chaired by P. Docksey) on Universities and Industrial Research, circulated to the CSP.	
J.233	Response to <i>Industry, Science and Universities</i> from A.H. Bunting, April 1970.	
J.234	Correspondence and papers <i>re</i> support for the British Association for the Advancement of Science, September-November 1971.  The British Association applied to the Royal Society, and subsequently to the CSP for financial support. The CSP put the case to the Department of Education and Science for indirect support through an increase in its grant to the Royal Society.	

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- J.235-J.238 Correspondence, notes and papers *re* the future of the CSP and the chairmanship of its successor body the Advisory Board for the Research Councils, the secretaryship of the Agricultural Research Council and the chairmanship of the Science Research Council, 1972.
- J.235 March-June.
- J.236 July.
- J.237 August.
- J.238 September-November.
- J.239-J.242 Miscellaneous published CSP reports.
- J.239 'Report of the Working Party on Liaison between Universities and Government Research Establishments', Cmnd 3222 (HMSO, 1967).
- J.240 'Report of the Working Party on Molecular Biology', Cmnd 3675 (HMSO, 1968).
- J.241 'Report of the Working Party on Biological Manpower', Cmnd 4737 (HMSO, 1971).
- J.242 'Third Report of the Council for Scientific Policy', Cmnd 5117 (HMSO, 1972).
- J.243-J.245 Working Party on Reorientation of Scientific Research Activity 1969-1970**
- J.243 List of Working Party papers 1969-1970.
- J.244 Draft of report.

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J.245 Final version of report.

**J.246-J.292 Working Group on Research Organisation 1970-1971**

In October 1970, in view of the Government's commission to Lord Rothschild to undertake a general review of government supported science, the CSP established a Working Group, chaired by Dainton, 'to advise the Secretary of State, through the Council for Scientific Policy, on the most effective arrangements for organising and supporting pure and applied scientific research and postgraduate training'. This body reported in May 1971 and its report was included within the Rothschild Report, even though some of its conclusions were at variance with the tenor of that report.

Contact between Lord Rothschild and Dainton regarding their reports is documented at J.290-J.292.

The material is retained in Dainton's order.

J.246, J.247 Contents of Dainton's folder divided into two for ease of reference:

J.246 Correspondence, manuscript notes and papers *re* establishment of the Working Group and Dainton's meetings with the Secretary of State for Education and Science (Margaret Thatcher), senior civil servants and others, 1970-1971.

J.247 Miscellaneous manuscript and typescript notes, 1970-1971.

J.248 'Agendas'. Contents of Dainton's folder so inscribed: agendas for meetings of the Working Group, November 1970-April 1971.

J.249-J.252 'Minutes'. Contents of Dainton's folder so inscribed divided into four for ease of reference: minutes of meetings of the Working Group, November 1970-May 1971.

J.249 November, December 1970.

J.250 January 1971.

J.251 February 1971.

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- J.252                      March-May 1971.
- J.253-J.257                'Documents CSP (R) 70(1) -'. Contents of Dainton's folder so inscribed divided into five for ease of reference: papers for the Working Group, 1970 (not a complete set).
- At J.253 is a list of the papers.
- J.258-J.263                'CSP (R) 71(1) -'. Contents of Dainton's folder so inscribed divided into six for ease of reference: papers for the Working Group, 1971 (not a complete set).
- At J.258 is a list of the papers.
- J.264-J.266                'CSP Research Committee: Correspondence (1970)'. Contents of Dainton's folder so inscribed divided into three for ease of reference: correspondence and papers invited from members of the CSP.
- J.264                      November 1970 (1).
- J.265                      November 1970 (2).
- J.266                      December 1970.
- J.267-J.272                'CSP Research Committee: Correspondence (1971)'. Contents of Dainton's folder so inscribed divided into six for ease of reference: correspondence and papers from Working Group members and others *re* the Report.
- J.267                      January, February 1971.
- J.268                      March 1971.
- J.269                      April 1971.
- J.270                      May 1971 (1).

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- J.271 May 1971 (2).
- J.272 June-September 1971.  
Includes correspondence with Lord Rothschild *re* criticisms of the Dainton report.
- J.273 Correspondence and papers from D.S. Duncan, 1970-1971.  
Includes typescript papers 'The new renaissance', 5pp and 'Increasing knowledge and understanding: education', 6pp typescript; and draft copy of Confederation of British Industry report on government science.
- J.274, J.275 Contents of Dainton's folder: submissions and statements sent to Dainton in connection with the Working Group, 1971.  
The Working Group did not seek submissions from interested parties but nevertheless received some.
- J.274 January, February 1971.
- J.275 March, April 1971.
- J.276-J.290 Working Group Report.
- J.276 'FSD's own drafts-historical interest only'. Contents of Dainton's folder so labelled: manuscript notes and drafts by Dainton.
- J.277 Draft 'Form of the Report', 24pp photocopy typescript with manuscript annotations, *ca* February 1971.
- J.278 'Outline of Report (revised for presentation to CSP)', 15pp photocopy typescript with manuscript annotations and corrections.
- J.279 Drafts of chapters of the report, 1971.

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- J.280-J.283            Photocopy typescript drafts of the report.
- J.280                    18 March 1971.
- J.281                    31 March 1971.
- J.282, J.283            29 April 1971 (includes appendices).  
2 folders.
- J.284, J.285            Correspondence and comments on drafts of the Report from Working Group members and others, February-May 1971.  
  
At J.285 are Dainton's manuscript notes on 'Possible changes in the Report', 26 March 1971.  
  
2 folders.
- J.286                    'Comments from Heads of Research Councils'. Contents of Dainton's folder so inscribed: notes of meeting with Heads of the Research Councils, 19 April 1971; comments on draft from Heads of Research Councils, April 1971.
- J.287, J.288            Final copy of the Report, 16 June 1971.  
  
2 folders.
- J.289                    Miscellaneous typescript papers relating to the Report: 'The funding of University research by the Research Councils' by Dainton, 9pp; 'Political aspects of science policy' by A. Shonfield, 3pp.
- J.289A                  Background material: papers of the Civil Service Department Committee of Enquiry into Food and Agriculture Research, 1970. See also J.370-J.377.
- J.290-J.292            'Lord Rothschild: Government R&D'. Contents of Dainton's folder so labelled divided into three for ease of reference: correspondence and papers *re* meetings between Dainton, Rothschild and others *re* Government funding of research and development, June-October 1971.

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- J.290                      June-July 1971.
- J.291                      August 1971
- J.292                      September-October 1971.  
                                    Chiefly *re* meeting at Cabinet Office, 15 September.
- J.293-J.369                      The Preparatory Group and the response to the Rothschild Report      1971-1972**
- J.293-J.301                      Preparatory Group meetings
- J.302-J.347                      Green Paper
- J.348-J.356                      White Paper
- J.357-J.369                      Press coverage
- J.293-J.301                      **Preparatory Group meetings**    1971-1972
- This Group had the following terms of reference: 'To advise the CSP on the formulation of views of the Green Paper (Cmnd 4814) in general and the application of the customer/contractor principle to the Research Councils in particular'. It was chaired by Dainton.
- J.293                      List of Preparatory Group papers CSP (PG:GP) (71) 1-(72) 17.
- J.294                      Papers for CSP meeting, 26 November 1971.  
                                    At this meeting the CSP set up the Preparatory Group.
- J.295                      Photocopy manuscript draft and typescript copy of 'Note by the Chairman', on terms of reference, membership and general approach of the Group, December 1971.
- J.296                      Papers for first meeting of the Group, 10 December 1971.

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- J.297 Papers for second meeting, 31 December 1971.  
Includes draft response to the Green Paper, annotated by Dainton, and Dainton's manuscript notes.
- J.298 Papers for third meeting, 7 January 1972.  
Includes first revision of the response to the Green Paper.
- J.299 Briefing notes for meeting with Secretary of State for Education and Science (Margaret Thatcher), 12 January 1972.
- J.300 Papers for fourth meeting, 18 January 1972.
- J.301 Miscellaneous Preparatory Group papers, 1972.
- J.302-J.347 **Green Paper** 1971-1972
- J.302 Copy of Green Paper *A Framework for Government Research and Development* (Cmnd 4814).
- J.303-J.307 'CSP documents: CSP (72) 1-14'. Contents of Dainton's folder so labelled divided into five for ease of reference.  
CSP documents relating to the Green Paper and responses thereto, 1972.
- J.308-J.311 'Green Paper: correspondence with CSP and Government'. Contents of Dainton's folder so labelled divided into four for ease of reference, November 1971-July 1972.
- J.308 November, December 1971.  
Includes Dainton's manuscript notes on 'Points on Green Paper from various sources'.

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- J.309                      January 1972 (1).  
  
Includes typescript papers of meetings with Margaret Thatcher, Secretary of State for Education and Science and Lord Jellicoe, Lord Privy Seal, 12 January 1972.
- J.310                      January 1972 (2).
- J.311                      February, March, July 1972.  
  
Includes note on meeting with Secretary of State for Education and Science and Lord Privy Seal, 10 March 1972.
- J.312-J.318                'Green Paper: views of Professional bodies and individuals. File 1: Nov. 1971 to January 1972'. Contents of Dainton's folder so labelled divided into seven for ease of reference: correspondence and papers, October 1971-January 1972.  
  
Includes papers for meetings to discuss the Green Paper, and draft and final responses to the Green paper from many individuals and organisations. In general these are more favourable to Dainton's report in the Green Paper than to that of Lord Rothschild.
- J.312                      October, November 1971.
- J.313                      December 1971 (1).
- J.314                      December 1971 (2).
- J.315                      December 1971 (3).
- J.316                      January 1972 (1).
- J.317                      January 1972 (2).
- J.318                      January 1972 (3).

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- J.319-J.325 'Green Paper: views of professional bodies and private individuals (from February 1972 -'. Contents of Dainton's folder so labelled divided into seven for ease of reference: correspondence and papers, February-April 1972.
- Includes papers for meetings to discuss the Green Paper, and draft and final responses to the Green Paper from many individuals and organisations.
- J.319 February 1972 (1).
- J.320 February 1972 (2).
- Includes transcript of BBC Television discussion on the Green Paper, broadcast 14 February 1972. Participants include J.C. Kendrew and L. Rotherham.
- J.321 February 1972 (3).
- J.322 February 1972 (4).
- J.323 March 1972 (1).
- J.324 March 1972 (2).
- J.325 April 1972.
- J.326-J.329 'Green Paper: views of Research Councils and related correspondence'. Contents of Dainton's folder so labelled divided into four for ease of reference: correspondence and papers, November 1971-July 1972.
- J.326 November 1971-January 1972.
- Chiefly *re* response of Medical Research Council (MRC) and Science Research Council (SRC). Includes SRC submission on the Green Paper.

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- J.327 February 1972 (1).  
Submissions of the MRC and Natural Environment Research Council (NERC).
- J.328 February 1972 (2).  
Submissions of the Social Science Research Council (SSRC) and the Agricultural Research Council (ARC).
- J.329 March, July 1972.  
Chiefly papers for meeting of heads of Research Councils, 13 July 1972.
- J.330-J.334 'Green Paper: meetings of Research Councils and customer departments'. Contents of Dainton's folder so labelled divided into five for ease of reference: papers for meetings of heads of Research Councils, representatives of government science bodies and senior civil servants, 1971-1972.  
Dainton attended as Chairman of the CSP.
- J.330 November, December 1971.
- J.331, J.332 December 1971.  
2 folders.
- J.333 January 1972.
- J.334 March 1972.
- J.335-J.347 Parliamentary consideration of the Green Paper, December 1971-July 1972.
- J.335-J.338 'Green Paper: Select Cttee on Science & Technology'. Contents of Dainton's folder so labelled divided into four for ease of reference: correspondence and papers *re* House of Commons Select Committee on Science and Technology Inquiry into the Government's involvement in and policy towards research and development, December 1971-July 1972.

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- /... The first part of this inquiry concentrated on examining the Green Paper. Dainton and other members of the CSP and the Working Group on Research Organisation gave evidence.
- J.335 December 1971-January 1972.
- J.336 February 1972.
- J.337 March 1972.
- J.338 May-July 1972 and n.d.
- J.339 House of Commons Library Research Division Background Paper on 'New Policies for Civil Research', January 1972.
- J.340 'Minutes of evidence taken before the Select Committee on Science and Technology. Wednesday 26 January 1972', 42pp duplicated typescript.
- J.341-J.346 Printed minutes of evidence taken before the Select Committee on Science and Technology, February-March 1972.  
Dainton gave evidence on 2 February (J.341).  
6 folders.
- J.347 Hansard Report of House of Lords debates on Government research and development, February 1972.
- J.348-J.356 **White Paper** 1972
- J.348 Copy of Green Paper, annotated by Dainton and marked 'Cmnd 5046'.
- J.349 Copy of White Paper, July 1972.

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- J.350-J.353 'White Paper: 'A New Framework for Government R&D'. Contents of Dainton's folder so labelled divided into four for ease of reference: correspondence and papers *re* final revision and publication of and reactions to, the White Paper, June-December 1972.
- J.350 June 1972.  
Includes Dainton's 'Working copy' of the draft White Paper.
- J.351 July 1972.  
Includes Dainton's manuscript notes from meeting with Sir William Pile.
- J.352 August 1972.  
Papers *re* evidence of Lord Jellicoe, Lord Privy Seal, to the Select Committee on Science and Technology, 2 August 1972; letter from Dainton to Margaret Thatcher, Secretary of State for Education and Science, setting out his views on the White Paper and the future organisation of the Research Councils and CSP, 3 August 1972.
- J.353 December 1972.  
NERC memorandum on the identification of commissioned research, 19 December 1972.
- J.354-J.356 'Government R&D: contractual arrangements'. Contents of Dainton's folder so labelled divided into three for ease of reference: correspondence and papers *re* measures for implementation of the White Paper, July-November 1972.
- J.354 July, August 1972.
- J.355 September 1972.
- J.356 October, November 1972.  
Chiefly *re* formulation of the principles governing the customer/contractor relationship.

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J.357-J.369                      **Press coverage**    1971-1972

This material, chiefly photocopies of press-cuttings, covers the period January 1971-October 1972, and documents the establishment of CSP Working Group on Research Organisation, the reception of both the Green and White Papers and the respective contributions of Rothschild and Dainton, and the Government proposals flowing therefrom.

13 folders

**J.370-J.398                      Relations with the Research Councils    1970-1973**

This material is the contents of Dainton's folders containing material relating to CSP relations with the five Research Councils.

J.370-J.377	Agricultural Research Council
J.378, J.379	Medical Research Council
J.380, J.381	Natural Environment Research Council
J.382-J.384	Science Research Council
J.385-J.398	Social Science Research Council

J.370-J.377                      **Agricultural Research Council**    1970-1972

The bulk of this material relates to a proposal that the Ministry of Agriculture, Fisheries and Food (MAFF) take over the Agricultural Research Council.

As the only agricultural member of the CSP, A.H. Bunting was asked to produce a paper giving his views on the relationship between MAFF and the ARC. It was critical of the proposal and an unedited version was then circulated by Bunting outside the CSP. Much of the material relates to the response to this.

See also J.289A.

J.370                                      'The ARC and its work. Talk by Sir Gordon Cox to the Parliamentary and Scientific Committee, 27th October 1970'.

J.371                                      Correspondence and papers, November-December 1970.

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- J.372 Correspondence and papers, January 1971.  
Includes (annotated) first draft of Bunting's unedited paper for wider circulation, 28pp duplicated typescript, 26 January 1971.
- J.373-J.375 Correspondence *re* Bunting's paper, February 1971.  
Replies to Bunting from those to whom he sent the paper, largely favourable, and material relating to the reaction from the ARC and MAFF.  
3 folders.
- J.376 Correspondence, March-June 1971.
- J.377 Correspondence and papers, September 1971-May 1972.
- J.378, J.379 **Medical Research Council** 1970-1972
- J.378 Miscellaneous correspondence and papers 1970-1972.
- J.379 Duplicated typescript background papers: copy of 1949 paper 'Relations of the Ministry of Health with the [Medical Research] Council'; 'The organisation of Research Councils', *ca* 1970.
- J.380, J.381 **Natural Environment Research Council** 1971-1972
- J.380 Correspondence and papers *re* future of NERC and NERC units, 1971.
- J.381 Correspondence and papers, 1972.
- J.382-J.384 **Science Research Council** 1970-1971
- J.382 Papers *re* SRC application for funds for a High Flux Beam Reactor in the UK, 1970, 1971.

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- J.383 Papers *re* SRC support of the biological sciences, 1970, 1971.
- J.384 Correspondence *re* SRC 'Forward Look', May, June 1971.
- J.385-J.398 **Social Science Research Council** 1970-1973
- J.385 Miscellaneous papers, 1970-1971.
- J.386-J.394 Papers for SSRC Annual Conference, Nottingham, 9-11 July 1971.  
  
Dainton was invited to the conference, which was considering the work of the Council and to formulate ideas about its future role and policies. He could not attend but received a full set of papers.  
  
9 folders.
- J.395 Copies of correspondence between SSRC and Department of Education and Science, October-November 1971.
- J.396 Correspondence and papers, January 1973.  
  
Includes report on organisation of economic and social science research in Northern Ireland Government Departments, sent to Dainton for information.
- J.397, J.398 Correspondence and papers *re* SSRC Annual Conference on 'Postgraduate Training in the Social Sciences', Exeter, 14-15 July 1973.  
  
Dainton attended some of the proceedings.
- J.397 Invitation, programme, list of participants and conference arrangements.
- J.398 Conference paper on 'Postgraduate Training in the Social Sciences'.

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**J.399, J.400                      EDUCATIONAL BROADCASTING SERVICES TRUST                      1995**

Dainton allowed his name to be used in support of two projects of the Trust: 'The Higher Education Video Consortium' and 'HE Maths'.

J.399                      General correspondence; draft proposals.

J.400                      Copies of final proposals.

**J.401-J.442                      EDWARD BOYLE MEMORIAL TRUST                      1982-1997**

This Trust was launched in 1982 by Dainton and others in memory of Edward Boyle, politician and Vice-Chancellor of the University of Leeds, who died in 1981. Dainton was the second chairman of the Trust, succeeding Sir William Tweddle who died in 1982. The Trust gave money to promote music, education and learning, through bursaries, scholarships and awards and prizes. It also sponsored an annual lecture bearing Boyle's name hosted by the Royal Society of Arts in London and Leeds University. It was wound up in 1996 having raised a series of substantial donations.

The archives of the Boyle Trust are held at the University of Leeds

The bulk of the material dates from the mid-1990s and relates to discussions about the future of the Trust and possible ways of winding it up which were in best accord with the terms of the Trust Deed.

J.401-J.416	Papers for meetings
J.417-J.433	General correspondence and papers
J.434-J.437	Edward Boyle Memorial Lectures
J.438-J.442	Reports

**J.401-J.416                      Papers for meetings                      1982-1996**

Principally minutes of Trustees' meetings. Most sets are annotated by Dainton.

J.401                      1982.

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J.402	1983.
J.403	1984.
J.404	1985.
J.405	1986.
J.406	1987.
J.407	1988.
J.408	1989.
J.409	1990.
J.410	1991.
J.411	1992.
J.412	1993.
J.413	1994.
J.414	2 March 1995. Includes correspondence and papers found therewith, 1992-1995.
J.415	19 June 1995; 15 December 1995.

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- J.416 1996.
- J.417-J.433 General correspondence and papers 1986-1997**
- J.417 1986.  
Correspondence with D.N. Dilks, School of History, University of Leeds, *re* support for the Trust.
- J.418 1990-1992.
- J.419 1993.  
Chiefly *re* possible Edward Boyle lecturers.
- J.420 January-July 1994.
- J.421 August-December 1994.
- J.422 January, February 1995.
- J.423 March 1995.
- J.424 April, May 1995.
- J.425 June-December 1995.
- J.426-J.430 'Future of the Trust'. Contents of Dainton's folder so inscribed divided into five for ease of reference: correspondence, papers and manuscript notes *re* running-down of the Trust and disposal of its endowment, 1995-1996.

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- J.431 1996.
- J.432 January 1997.
- J.433 January-April 1997.
- J.434-J.437 Edward Boyle Memorial Lectures 1988-1996**
- J.434 'One World: the challenge ahead', Edward Heath MP, 24 February 1988.  
Offprint.
- J.435 'A case for the humanities', Edward Bullock, 4 April 1990.  
Offprint.
- J.436 'Astronaut wanted: journey into space', Helen Sharman, 2 June 1993.  
Offprint.
- J.437 'The singer and the art of communication', Dame Janet Butler, 7 February 1996.  
  
Correspondence *re* arrangements, 1995-1996; manuscript notes for Dainton's introduction and on the lecture; offprint.
- J.438-J.442 Trustees' Reports and accounts 1983-1996**
- J.438 1983.
- J.439 1986.
- J.440 1990.

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J.441 1996.

J.442 Final report 1981-1996.

**J.443-J.449 FOUNDATION FOR SCIENCE AND TECHNOLOGY 1990-1996**

The Foundation for Science and Technology sponsored lectures, discussion meetings and a newsletter. Dainton was a member of its Council from 1990.

J.443, J.444 General correspondence and papers, 1990-1996.

J.443 1990-1992.

J.444 1993-1996.

J.445-J.448 Papers of Council meetings, 1991-1994.

J.445 1991.

J.446 1992.

J.447 1993.

J.448 1994.

J.449 Miscellaneous printed newsletters, 1990-1993.

**Societies and organisations**

**J.450-J.469                      GENERAL TEACHING COUNCIL                      1992-1997**

This material relates to the campaign in the 1990s for the establishment of a General Teaching Council (GTC), analogous with the General Medical Council, as a single recognised body to regulate the teaching profession.

Dainton supported the idea of the creation of such a body and spoke for its introduction into the Education Bill 1993 (see H.56-H.67).

The material, which includes correspondence with organisers of the campaign for the GTC, lobbying and information material, parliamentary papers relating to the passage of the Education Bill, is presented in chronological order.

J.450                      1992.

J.451                      January-February 1993.

Chiefly arrangements for presentation on the GTC to House of Lords cross-benchers.

J.452                      March 1993 (1).

Includes background material presented to support the case for the GTC.

J.453                      March 1993 (2).

Pages from Hansard recording House of Lords debate on the Education Bill, 23 March 1993.

J.454                      March-April 1993.

Includes 3pp typescript of Dainton's speech on the Education Bill, at the committee stage, House of Lords, 20 April.

J.455                      'The Initial Education and Training of Teachers for Primary Schools' by R. Goodyear and V. Little, GTC paper, April 1993.

J.456                      Hansard record of House of Lords Committee on the Education Bill, 10 May 1993.

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- J.457                      June-December 1993.
- Chiefly *re* response to government proposals for reform of initial teacher training.
- J.458                      'The Initial Education and Training of Teachers. Advices and Recommendations, Guiding Principles and Key Issues', GTC paper, October 1993.
- J.459                      'The Continuing Professional Development of Teachers', by M. Williams and R. Bolam, GTC paper, October 1993.
- J.460                      January-May 1994.
- J.461                      Invitation, programme, etc, for consultation meeting at St George's House, Windsor, 25-26 January 1994.
- J.462                      June 1994.
- J.463                      Papers *re* amendments to Education Bill, June-July 1994.
- Includes typescript notes for Dainton's speech in the House of Lords, 18 July.
- J.464                      Revised 'Proposals for a Statutory General Teaching Council for England and Wales', October 1995.
- Annotated by Dainton.
- J.465                      'Proposals for a Statutory General Teaching Council for England and Wales', January 1996.
- J.466                      May-October 1996.
- Includes manuscript and typescript notes of informal meeting, 12 August.

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J.467 December 1996.

J.468 1997.

J.469 Press-cuttings on the GTC, 1993, 1997.

**J.470-J.523**

**GOLDSMITHS' COMPANY**

**1973-1997**

Dainton's association with the Company dated from 1935, when he was awarded a Goldsmiths' Company undergraduate scholarship. He received a Goldsmiths' Company Senior Studentship at Cambridge in 1939 (see A.188). Dainton joined the Goldsmiths' Company's Court of Assistants in 1973. He served as Prime Warden for 1982-1983 and chaired the Company's Education Committee.

J.470-J.483	General correspondence and papers
J.484-J.494	Education Committee
J.495-J.500	Corporate Review Working Groups
J.501	Court of Assistants
J.502-J.518	Social occasions and functions
J.519-J.523	Goldsmiths' College, University of London

**J.470-J.483**

**General correspondence and papers**

**1973-1997**

Chiefly correspondence *re* Goldsmiths' Company grants policy and particular awards.

J.470

Correspondence *re* design of silver goblet for Dainton, 1973-1975.

Each new member of the Court of Assistants was entitled to a silver goblet to mark their association with the Company.

**Societies and organisations**

- J.471 1987-1989.  
Includes manuscript note by Dainton on 'Goldsmiths Co. Charitable Policy', 1988.
- J.472 1991-1992.  
Chiefly *re* support for the South Yorkshire Foundation.
- J.473 1993.
- J.474 1994 (1).
- J.475 1994 (2).
- J.476 January-March 1995.
- J.477 March, May 1995.  
Support for British Medical Association Medical Education Trust.
- J.478 April 1995.  
Chiefly *re* death of Lord Adrian, including typescripts of Dainton's obituary.
- J.479 May-September 1995.
- J.480 August-November 1995.
- J.481 January-June 1996.  
Chiefly *re* visit to Cable & Wireless College, Coventry.



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- J.491 1995.
- J.492-J.494 Papers of meetings of the Education Committee, 1993-1996.
- J.492 1993, 1994.
- J.493 1995.
- J.494 1996.
- J.495-J.500 Corporate Review Working Groups 1993-1994**
- J.495 Working Group 1 (Membership and management).  
Dainton advised this Working Group on the Company's library.  
Correspondence and papers, 1993.
- J.496-J.499 Working Group 2 (Charities).  
Dainton was a member of this Working Group. There was a feeling that the Company could use its charitable funds to do more in the promotion of the craft and much of the material relates to the discussions about this.
- J.496 March-May 1993.
- J.497 May 1993.  
Papers arguing for the greater use of charitable resources to support the craft.
- J.498 June, July (and n.d.) 1993.  
Includes draft and final reports of Working Group 2.

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- J.499                    1994.  
Correspondence and papers *re* meeting, 19 January 1994.
- J.500                    Copy of Goldsmiths' Company Corporate Review.
- J.501                    Court of Assistants                    1997**
- The Court was responsible for disbursement of charity monies.
- J.501                    Papers for meeting, 19 November 1997.
- J.502-J.518            Social occasions and functions            1981-1997**
- As Prime Warden Dainton was called on to speak at many Goldsmiths' Company functions and also attended social events hosted by other London Livery companies and similar on behalf of the Goldsmiths' Company.
- J.502-J.510            Goldsmiths' Company functions.  
The material may include menus, programmes, letters of thanks from guests and manuscript and typescript notes for speeches given by Dainton.
- J.502                    15 July 1981.
- J.503                    'Seven Centuries of the Trial of the Pyx', 25 February 1982.
- J.504                    Livery Dinner, 9 June 1982.
- J.505                    Visit of the Queen Mother, 6 July 1982.  
Court Dinner, 7 July 1982.
- J.506                    Goldsmiths' Choral Union, 29 October 1982.  
Livery Dinner, 10 November 1982.



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- J.514                      Worshipful Company of Chartered Secretaries and Administrators Livery Dinner, Mansion House, 4 March 1983.
- J.515                      Laying of the Foundation Stone of Guardians' Hall, Sheffield, 26 May 1983.
- J.516                      Worshipful Company of Fishmongers Amity Dinner, 20 April 1983.  
  
Company of Cutlers in Hallamshire in the County of York, Cutlers' Feast, Sheffield, 28 April 1983.
- J.517                      London HMC Clubs Union Dinner, 6 May 1983.  
  
Worshipful Company of Wax Chandlers Court Dinner, 17 May 1983.
- J.518                      Cutlers' Hall Lunch, 17 April 1989.  
  
Cutlers' Hall Lunch, 3 December 1996.
- J.519-J.523              Goldsmiths' College, University of London                      1992-1996**
- Most of this material relates to financial and political support of the College during financial difficulties.
- J.519                      1992.
- J.520                      January-March 1993.
- J.521                      April-June 1993.
- J.522                      August-November 1993.
- J.523                      1994, 1996.

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**J.524-J.530                      HAROLD HYAM WINGATE FOUNDATION                      1988-1997**

The Harold Hyam Wingate Foundation was established in 1988. It awarded scholarships to individuals for pioneering or original projects. Dainton was a Trustee and the material relates to the award of these Scholarships.

J.524-J.526                      General correspondence and papers, 1988-1997.

J.524                              1988-1991.

J.525                              1992.

J.526                              1995-1997.

J.527-J.530                      Papers for meetings of Wingate Scholarship Committee, 1990-1997.

J.527                              1990-1992.

J.528                              1993-1995.

J.529                              1996.

J.530                              1997.

**J.531-J.535                      HIGH STORRS SCHOOL, SHEFFIELD                      1990-1995**

Dainton was a pupil at this school, then Sheffield Central School, 1925-1933.

See also A.72-A.100A.

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- J.531 Correspondence *re* former pupils of the school, reminiscences etc. chiefly in connection with A.E. Ridler, former Chemistry teacher, 1990-1995.
- Also includes manuscript notes for Dainton's remarks at Diamond Jubilee of Opening of new school buildings, 26 June 1993.
- J.532, J.533 Issues of 'High Storrs Centralians newsletter', Summer 1990-Autumn 1994.
- Probably not a complete sequence.
- 2 folders.
- J.534, J.535 Literature *re* the School, 1990s.
- 2 folders.
- J.536-J.541                      INSTITUTE OF OPHTHALMOLOGY                      1987-1990**
- Dainton chaired a Working Party of the Institute considering their involvement with a proposed science park.
- J.536 Correspondence, April-July 1987.
- J.537 Institute of Ophthalmology Strategic Plan, June 1987.
- J.538 Papers of first meeting, 9 July 1987.
- J.539 Correspondence, October-December 1987.
- J.540 Papers of second meeting, 29 October 1987.
- J.541 Correspondence, 1988, 1990.

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**J.542-J.556                      INTERNATIONAL FEDERATION OF ASSOCIATIONS                      1988-1991  
FOR THE ADVANCEMENT OF SCIENCE AND  
TECHNOLOGY (IFAASST)**

The initiative for the establishment of this Federation came from the British Association meeting in 1988. Dainton was instrumental in the planning meeting in Hanover, West Germany, 1989 and the Inaugural Meeting in Hong Kong in 1991 (see also M.154, M.155). He was chairman of both.

J.542                      Correspondence and papers, 1988.

J.543                      'The USA discussions'. Contents of Dainton's folder so labelled: correspondence principally with American colleagues *re* establishment of an international federation, February-August 1989.

J.544-J.546                      Correspondence and papers *re* planning meeting, Hanover, West Germany, 2-7 October 1989.

Dainton chaired the meeting.

J.544                      Programme, list of participants, information etc.

J.545                      Manuscript and photocopy manuscript notes on the meeting.

J.546                      Minutes of business meetings, 3-5 October 1989.

J.547                      Correspondence arising, October-December 1989.

Includes copy of letter sent out by Dainton to advancement of science associations inviting expressions of interest in the new federation.

J.548                      Correspondence, January-July 1990.

Includes copies of replies from advancement of science associations.

J.549                      Correspondence and papers, August-November 1990.

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- J.550, J.551 Correspondence *re* arrangements for inaugural conference, January-May 1991.
- J.550 January 1991.
- J.551 February-May 1991.
- J.552-J.556 Papers for inaugural meeting, Hong Kong, 7-8 May 1991.
- J.552 Programme, list of participants, etc.
- J.553 Papers of business meeting, 7 May 1991.  
Dainton chaired the meeting and the material includes his manuscript notes.
- J.554 2pp typescript draft of Dainton's congratulatory message for the meeting; 'Declaration' announcing the creation of IFAAST.
- J.555 Programmes etc for social events.
- J.556 *Inauguration Proceedings of the International Federation of Associations for the Advancement of Science and Technology*. 1991.
- J.557-J.559 JUSTICE TRUST APPEAL 1992-1994**
- This Appeal was established to provide funding to assist the release of those wrongly convicted and serving sentences in UK prisons. Dainton advised on funding.
- J.557 Information pack, 1992.
- J.558 Correspondence 1993-1994.

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- J.559                      Miscellaneous papers, 1993-1994.
- J.560                      LIVER FOR LIFE APPEAL                      1994, 1995**
- J.560                      Correspondence and papers *re* Appeal, 1994, 1995.
- J.561-J.609                      LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE (LSE)                      1971-1997**
- Dainton was appointed to the LSE Court of Governors in 1980. He offered to resign in 1996 but was persuaded to remain on Court for a further year. He served on a number of committees and was Chairman of the Library Panel from 1986.
- Most of the material relates to the British Library of Economic and Political Science (the LSE Library).
- J.561-J.570                      Court of Governors
- J.571-J.602                      Library Panel
- J.603-J.607                      Strategic Issues Group
- J.608, J.609                      Miscellaneous
- J.561-J.570                      Court of Governors                      1986-1997**
- J.561-J.568                      Papers of meetings of the Court of Governors and Council of Management, 1986-1997, many annotated by Dainton.
- Those for 1986 record the nomination of Dainton for an Honorary Fellowship of the LSE.
- Not a complete sequence.
- J.561                      1986.
- J.562                      1992, 1993.

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J.563	1994.	
J.564	1995.	
J.565	February 1996.	
J.566	March 1996.	
J.567	June 1996.	
J.568	1997.	
J.569, J.570	Correspondence, chiefly <i>re</i> Directorship of the LSE, 1994-1997.	
J.569	1994.	
J.570	1995-1997.	
<b>J.571-J.602</b>	<b>Library Panel</b>	<b>1971-1997</b>
J.571-J.583	Papers for meetings of the Library Panel, 1986-1996.	
J.571	1986-1989.	
J.572	April, July 1990.	
J.573	November 1990.	
J.574	1991.	

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- J.575 1992.
- J.576 January, April 1993.
- J.577 November 1993.
- J.578 1994.
- J.579 March 1995.
- J.580 November 1995.
- J.581 March 1996.
- J.582 May 1996.
- J.583 Minutes of Library Committee, January and May 1996, found with Library Panel minutes.
- J.584-J.596 Library Panel Fundraising Subgroup 1971-1996  
This Group was established in 1994 to raise funds for redevelopment of the Library. Dainton was chairman and advised on possible membership of the Group.
- J.584 Report on fund-raising by US university and public libraries by J. Wilkinson, Sub-Librarian, sent to Dainton October 1993.
- J.585 Papers *re* Library response to Joint Funding Councils' Libraries Review Group Report (the Follett Report), March 1994.
- J.586 Miscellaneous correspondence and papers, March-June 1994.

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- J.587 Correspondence and papers *re* membership of the Fundraising Group, June-November 1994.
- J.588 Correspondence and papers *re* first meeting of the Fundraising Group, 16 November 1994.
- J.589 Correspondence and papers, February, March 1995.  
  
Includes copy of 'A Library for the 21st Century', LSE Library Appeal booklet, with Dainton's introduction.
- J.590-J.596 LSE Library Application to the Heritage Lottery Fund (HLF).  
  
The Library applied to the HLF for a grant towards the cost of a new building, to be designed by the architect Sir Norman Foster.
- J.590 Correspondence *re* progress of bid, August-November 1995.
- J.591 Correspondence and papers *re* HLF visit to the LSE on 22 February 1996. January-February 1996.
- J.592 Correspondence *re* progress of the bid, March-August 1996.  
  
The HLF asked the Library to resubmit its application.
- J.593, J.594 Application, June 1996.  
  
2 folders.
- J.595, J.596 Fund-raising literature from earlier LSE Library appeals.
- J.595 1971.
- J.596 1978.





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- J.611-J.613                      MUSEUMS AND GALLERIES COMMISSION                      1985-?1991**
- Dainton joined the Commission as an independent member in 1985, initially for four years. He was re-appointed for a further year in 1990.
- J.611                      Correspondence *re* appointment, July, August 1985.
- J.612                      Photocopies of newspaper articles and press releases *re* museums and arts policies and issues, 1985.
- J.613                      Correspondence *re* appointment, 1986, 1990; three photographs taken at unidentified Commission occasion, 13 December ?1991.
- J.614-J.624                      NATIONAL LIBRARIES COMMITTEE                      1967-1971**
- This was established by the Department of Education and Science in 1967, with Dainton as its chairman. It had the following terms of reference:  
'To examine the functions and organisation of the British Museum Library, the National Central Library, the National Lending Library for Science and Technology and the Science Museum Library in providing national library facilities; to consider whether, in the interests of efficiency and economy, such facilities should be brought into a unified framework; and to make recommendations'.
- It reported in 1969 (Cmnd 4028) and recommended the creation of a National Libraries Authority and the British Museum Library to become a National Reference Library in its own accommodation.
- J.614                      Announcement of establishment of the Committee, 30 November 1967.
- J.615                      Minutes of Committee meeting, 10 January 1969; note on meeting with Parliamentary and Scientific Committee, 14 February 1969.
- J.616                      Photocopies of responses from industry and others, principally on use of the National Lending Library for Science and Technology, May 1968, January 1969.

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- J.617 Letter *re* proofs of the Committee Report and sample pages, May 1969.
- J.618 Manuscript outline draft of Committee Report, 15pp + 10 slides.
- J.618A Microfiche copy of the Committee Report. 5 sheets. June 1969.
- J.619 Dainton's manuscript notes, including notes for press conference at the issue of the Report, 10 June 1969.
- J.620 Duplicated typescript material for issue of the Report, including summary of the Report, June 1969.
- J.621 Responses to the Report:  
Confederation of British Industry, September 1969.  
Advisory Committee for Scientific and Technical Information, 1969.
- J.622 Correspondence and papers *re* meeting of the Parliamentary and Scientific Committee with Dainton, House of Commons, 13 November 1969.  
  
Includes list of questions to be raised.
- J.623 Correspondence *re* arrangements for Dainton to address Library Association branches on the Report:  
  
North Midland branch, Nottingham, 14 July 1969.  
  
London and Home Counties branch, London, 9 October 1969.
- J.624 Letter arising *re* forthcoming White Paper on the British Library, 11 January 1971.  
  
The White Paper's recommendation for the British Library drew on the National Libraries Committee Report.

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**J.625-J.687**

**NATIONAL UNIVERSITY OF SINGAPORE**

**1979-1997**

In 1978 Dainton was personally requested by the Prime Minister of Singapore, Lee Kuan Yew, to undertake a review of higher education in the country. He visited the universities of Singapore the following year and reported back advising that Nanyang University and the University of Singapore should be merged to form the National University of Singapore. This advice was followed and Dainton made a return visit in 1981 to review progress.

In 1989 Dainton was invited to revisit Singapore as the Lee Kuan Yew Distinguished Visitor. During the visit he was asked to express views on the development of university education in Singapore over the next ten years. He returned to review progress in 1991 and returned again, in part representing the University of Sheffield in 1994, 1996 and 1997.

On many of his visits Dainton was accompanied by his wife.

The material is principally correspondence and papers relating to Dainton's visits, his social and business commitments during them, background material received and reports made.

J.625, J.626

Visit 1979.

J.625

Summary of preliminary report, sent to the Prime Minister of Singapore, 11 December 1979; printed copy of Dainton's final report.

J.626

Copy of National University of Singapore Act, 1980.

J.627-J.633

Visit, 4-9 May 1981.

J.627

Correspondence *re* visit, January-May 1981.

J.628

Programme for visit.

J.629

National University Reports sent to Dainton in advance of his visit, January and February 1981.

J.630

Dainton's manuscript notes on the visit and on documents received.

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- J.631                      Invitations to social occasions, 4 and 5 May 1981.
- J.632                      Press cuttings from local newspapers *re* Dainton's visit, 7 and 11 May 1981.
- J.633                      Background material *re* university education in Singapore.
- J.634-J.656                Visit, 24 July-6 August 1989.
- J.634                      Correspondence *re* arrangements, April-July 1989.
- J.635                      Programmes for visit.
- J.636-J.641                National University of Singapore 'Briefs for Lord Dainton's Visit'.  
6 folders.  
With list of contents at J.636.
- J.642-J.645                Meetings and other engagements.
- J.642                      'Knowledge is our destiny and education is our tool', lecture to National University of Singapore, 31 July 1989.  
  
Report from University newspaper 'Campus News, September 1989; two colour photographs, glued together.
- J.643                      Questions for Singapore Broadcasting Corporation and *Straits Times* interviews with Dainton, 2 August 1989.
- J.644                      Material for meeting with the Minister for Education and others, including typescript of proceedings, 2 August 1989.
- J.645                      Notes from meeting of Dainton with the Prime Minister of Singapore, Lee Kuan Yew, 4 August 1989.

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- J.646 Manuscript notes by Dainton used in drafting his report on his visit, July 1989.
- J.647 Correspondence during and immediately arising from visit, July-October 1989.
- J.648 Arrangements for social occasions, 29 July and 4 August 1989.
- J.649 Draft of Dainton's report 'Review of Higher Education in Singapore'.  
This was circulated to colleagues in Singapore for comment.
- J.650 Correspondence arising from the draft report, August-November 1989.
- J.651 Copy of Dainton's report, November 1989.  
This principally recommended that Nanyang Technological Institute be upgraded to full University status and suggested a number of improvements in teacher training.
- J.652 Brief correspondence arising from report, January-February 1990.
- J.653-J.656 Background material on higher education in Singapore.  
4 folders.
- J.657, J.658 Subsequent press coverage of university developments in Singapore, sent to Dainton for information, February-April 1990.  
2 folders.
- J.659 Exchange *re* possible Institute of Mycology in Singapore, March 1990.

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- J.660-J.663 Visit, 9-14 May 1991.
- J.660 Correspondence *re* arrangements for and arising from visit, November 1990-June 1991.
- J.661 Programmes for visit.
- J.662 Briefing notes.
- J.663 Dainton's manuscript notes kept as a diary; manuscript notes on Nanyang Technological Institute.
- J.664 Correspondence and papers *re* visits to the UK of Lee Yock Suan and Er Kwong Wah of the Singapore Ministry of Education, August 1993-March 1994.
- Lee visited the University of Sheffield which had developed good links with Singapore, and Er Kwong Wah, who Dainton knew well from his visits to Singapore, visited London.
- J.665 Correspondence *re* modularisation of degree courses at the National University of Singapore, February-September 1994.
- J.666-J.669 Visit, 11-15 April 1994.
- J.666 Correspondence *re* arrangements, including programme, March 1994.
- J.667 Social engagements, 13 April 1994.
- J.668, J.669 Background material.  
2 folders.

**Societies and organisations**

- J.670 Correspondence and papers *re* prospects for educational exports and partnerships with Singapore, 1994-1995.  
  
Includes correspondence with John Patten MP, Secretary of State for Education.
- J.671-J.675 Visit, 7-17 April 1996.  
  
Dainton was a member of a University of Sheffield party.
- J.671 Correspondence *re* arrangements, December 1995-April 1996.
- J.672 Programmes for visits.
- J.673 Typescript diary of visit by Barbara Dainton.
- J.674 Correspondence arising April-June 1996.
- J.675 Background information on National University of Singapore.
- J.676-J.684 Visit, 30 March-8 April 1997.
- J.676 Correspondence *re* arrangements, January-April 1997.
- J.677 Programme for visit for 3-5 April 1997.
- J.678 Typescript draft and final versions of notes on meeting between Dainton and Tony Tan, Deputy Prime Minister of Singapore, 3 April 1997.
- J.679 Manuscript diary of visit by Dainton.
- J.680 Invitations to social engagements, April 1997.



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J.690 28 March 1989.

J.691, J.692 Correspondence, 1985-1990.

J.691 1985.

J.692 1987-1990.

Letter of 14 September 1987 reports on overall progress to date.

**J.693-J.705**

**NEWNHAM COLLEGE CAMBRIDGE**

**1987-1995**

Dainton was a Trustee of Newnham College Development Trust from its establishment in 1987. The Trust was taken over by the College in 1995.

J.693-J.700 Minutes of Meetings of the Trustees, 1987-1995.

J.693 1987.

J.694 1988, 1989.

J.695 1990.

J.696 1991.

J.697 1992.

J.698 1993.

J.699 1994.

**Societies and organisations**

- J.700 1995.
- J.701, J.702 Correspondence *re* winding up the Trust and the Opening of the Rosalind Franklin Building at Newnham College, 1994-1995.  
A significant proportion of the cost of this new building had been raised by the Development Trust.
- J.701 October 1994-March 1995.
- J.702 July-December 1995.
- J.703 24pp Report on the Newnham College Development Appeal 1987-1995.
- J.704 Five colour photographs taken at Opening of Rosalind Franklin Building, 21 April 1995.  
Identified on verso.
- J.705 'Light on a dark lady', reminiscences of Rosalind Franklin by Ann Piper, a friend of Franklin's, given as a talk to the Wimbledon Literary and Scientific Society. 10pp photocopy typescript, October 1995.
- J.706, J.707 NUFFIELD ORTHOPAEDIC CENTRE APPEAL 1997**
- Dainton was a Vice-President of the Appeal.
- J.706, J.707 Correspondence and papers *re* the Appeal, 1997.  
2 folders.

**Societies and organisations**

**J.708                      PALESTINE EXPLORATION FUND                      1993-1995**

Dainton was a member of the Appeal Committee for the Fund's Research Centre.

J.708                      Correspondence and papers *re* meetings of the Appeal Committee, 1993-1995.

**J.709                      ROYAL COLLEGE OF RADIOLOGISTS                      1987, 1988**

Dainton was elected Chairman of the College's Foundation Trust in 1987.

The bulk of the material is papers of the Trust's meeting on 8 May 1987 at which Dainton was elected Chairman.

J.709                      Papers and correspondence, 1987, 1988.

**J.710-J.718                      ROYAL INSTITUTE OF BRITISH ARCHITECTS                      1986-1988**

In 1986 the Royal Institute of British Architects (RIBA) published a plan for the British Architectural Library that would reunite the Drawings Collection, then housed separately, with the Library in the RIBA headquarters. Concern was expressed about the future of the Drawings Collection in this reorganisation and after a special general meeting of RIBA, a Review Group of 'three wise men' was formed to examine the future of the Collection. Dainton was one of the members of the Group, with Lord Rawlinson (Chairman) and Sir Denys Lasdun.

The Review Group reported in February 1988, recommending the consolidation of the Architectural Library and Drawings Collection at RIBA but with extended premises within that building.

J.710                      RIBA Paper 'The future of the British Architectural Library', 1986.

J.711                      Correspondence *re* establishment of the Review Group and the events leading up to it, April-May 1987.

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- J.712 Correspondence *re* meetings of the Group, July -September 1987.
- J.713 Minutes of Group meetings: 12, 15 and 20 October and 9 November 1987.
- J.714 Plans of the proposed reorganisation of the RIBA headquarters building, annotated by Dainton.
- J.715 7pp typescript 'Synopsis of draft report', extensively annotated by Dainton. *ca* November 1987.
- J.716 Photocopies of architectural press coverage of the future of the RIBA Library and Drawings Collection, May-November 1987.
- J.717 Copy of the Review Group report, with covering letter, 17 February 1988.
- J.718 Correspondence and papers *re* reaction to the report, March-July 1988.

#### J.719-J.814

#### ROYAL POSTGRADUATE MEDICAL SCHOOL

1979-1997

Dainton was Chairman of the Royal Postgraduate Medical School (RPMS) 1980-1989 and President to 1997. Part of the University of London, the RPMS was based at Hammersmith Hospital in London.

Much of the material concerns the proposed establishment of a national centre for clinical research at the Hammersmith site into which the RPMS would be merged. The plans were blocked and after hospital reorganisation in the mid-1990s, the RPMS was merged, with other medical teaching and research establishments, into the School of Medicine of Imperial College London.

- J.719-J.730 Council Minutes
- J.731-J.775 General correspondence and papers
- J.776-J.811 National Centre for Clinical Research
- J.812-J.814 RPMS Cancer Trust

**Societies and organisations**

<b>J.719-J.730</b>	<b>Council Minutes</b>	<b>1981-1997</b>
J.719	1981-1982.	
J.720	1983-1984.	
J.721	1985.	
J.722	1986-1987.	
J.723	1988.	
J.724	1989.	
J.725	1990-1991.	
J.726	1992.	
J.727	1994	
J.728	1995.	
J.729	1996.	
J.730	1997.	

**Societies and organisations**

- J.731-J.775**                      **General correspondence and papers**                      **1979-1997, n.d.**
- Includes material from the late 1980s on possible redevelopment of the Hammersmith site and proposed creation of new clinical research centre.
- J.731                      'Events leading up to the opening, in 1935, of the Postgraduate Medical School', 22pp typescript. N.d.
- J.732-J.736                      'Med matters'. Contents of Dainton's folder so labelled divided into five for ease of reference: correspondence and papers relating to the RPMS response to 'London Medical Education-a New Framework', the report of the University of London Working Party on Medical and Dental Teaching Resources (the Flowers Report).
- The University of London Working Party on Medical and Dental Teaching Resources was established under Lord Flowers in March. It reported in 1980.
- J.732                      RPMS evidence to the Working Party, June 1979.
- J.733                      Copy of the Flowers Report, February 1980.
- J.734-J.736                      Responses to the Flowers Report, May-December 1980.
- J.734                      May-June 1980.
- Includes RPMS response.
- J.735                      Joint Medical Advisory Committee response to the Flowers Report, sent to Dainton 27 June 1980.
- J.736                      July-December 1980.
- J.737                      Brief correspondence *re* effect of University Grants Committee 'cuts' on patient care, January 1982.
- J.738                      RPMS Academic Review 1984. Annotated by Dainton.

### Societies and organisations

- J.739, J.740 'NMR @ RPMS'. Contents of Dainton's folder so labelled divided into two for ease of reference: correspondence and papers relating to possible development of a major imaging centre at the Hammersmith Hospital including the upgrading of nuclear magnetic resonance facilities. 1984-1985.
- J.739 November, December 1984.
- J.740 January-June 1985.
- J.741-J.745 Celebration of the 50th Anniversary of the foundation of the RPMS, 15 May 1986.  
  
The day was marked by a visit from H.R.H. Queen Elizabeth II to the RPMS, and a ceremony to confer Fellowships in the evening.
- J.741 Programme for Royal visit.
- J.742 Memorabilia from Royal visit.
- J.743 Order of proceedings and booklet of speeches for RPMS Congregation for the Conferment of Fellowships.  
  
As Chairman of the RPMS Dainton opened and closed the proceedings.
- J.744 Letters of thanks to Dainton, May 1985.
- J.745 'Medical science and technology at the Royal Postgraduate Medical School: the first 50 years' by C.C. Booth, *BMJ* vol 291 (1985), 1771-1779.
- J.746, J.747 University Grants Committee letter 'Planning for the late 1980s', 1985.  
  
The RPMS received this circular from the UGC in May 1985. It set out a strategic financial framework within which universities should formulate their forward planning and asked that they provide quantitative information of their future projections of student numbers and financial forecasts, together with other information.
- J.746 UGC letter, May 1985.

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- J.747 RPMS Response to UGC letter, October 1985, with covering paper December 1985.
- J.748 Miscellaneous correspondence, February-July 1986.
- J.749 Contents of Dainton's folder: correspondence *re* work on cancer therapy at RPMS, and publicity arising therefrom, August 1986-July 1987.
- J.750 Letter *re* Chair of Surgery, 24 February 1987.
- J.751 Miscellaneous correspondence, March-September 1988.
- J.752 Programme for visit to RPMS by Robert Jackson MP, Under-Secretary of State, Department of Education and Science and I. Whitehead of the Policy Unit, 24 September 1988.
- J.753 Correspondence, October 1988.
- J.754 Programme for visit to RPMS by Kenneth Baker MP, Secretary of State for Education and Science, 25 October 1988.  
Also includes letter of thanks from Baker, 28 October 1988.
- J.755 Miscellaneous correspondence, January-May 1989.
- J.756 Miscellaneous correspondence, July-December 1989.
- J.757 Correspondence, February-July 1990.  
Includes fund-raising for magnetic resonance imaging equipment for the RPMS, and correspondence arising from Dainton's retirement as Chairman of the RPMS.

### Societies and organisations

- J.758                      References, July, August 1990.
- J.759                      Miscellaneous correspondence, August-November 1990.
- J.760-J.762              Strategic Issues Group, 1990-1991.
- The University of London's Joint Planning Committee established the Strategic Issues Group in 1989 to review the structure of the University and the relationship between the University and the Colleges. Dainton was involved in the RPMS input into the Group.
- Dainton was a member of the LSE Working Party on the Strategic Issue Group (see J.603-J.607).
- J.760                      Correspondence, August, September 1990.
- J.761                      Report of the Strategic Issues Group, April 1991.
- J.762                      Correspondence and papers *re* response to the Report, May-June 1991.
- J.763                      Miscellaneous correspondence, 1991-1995.
- J.764-J.772              Contents of Dainton's folder divided into nine for ease of reference: correspondence and papers *re* future of Hammersmith and Charing Cross Hospitals, 1992-1994.
- This arose from Sir Bernard Tomlinson's Report 'Making London Better', which surveyed London's health service and provision for medical education and research. One recommendation arising was that Hammersmith and Charing Cross Hospitals should be merged. The future of the RPMS under this proposal looked to be uncertain.
- J.764                      Note on 'The Royal Postgraduate Medical School and the Hammersmith Hospital (RPMS/HH)', 6pp typescript, *ca* 1992.
- J.765                      Dainton's typescript notes for speech in House of Lords in the debate on the Tomlinson Report, 2 December 1992; manuscript notes for parliamentary questions to be tabled in the House of Lords, *ca* 1992.

### Societies and organisations

- J.766 Letter to Dainton from Baroness Cumberlege, *re* rationalisation of London's hospital provision, 23 June 1993.
- J.767 'Research issues affecting consideration of options for the location of Hammersmith/Charing Cross Hospitals', KPMG Peat Marwick Report, September 1993.  
  
KPMG Peat Marwick were called in as consultants to advise on the best site for the combined hospital.
- J.768 'Hammersmith/Charing Cross Location Study', KPMG Peat Marwick Report, November 1993.
- J.769 'The case for the Hammersmith site', submission by Hammersmith and Queen Charlotte's Special Health Authority and the RPMS, December 1993.
- J.770 Typescript notes by Sir Colin Dollery, Dean of the RPMS, on meetings at Department of Health, 2 December and KPMG, 7 December 1993.
- J.771 Correspondence, January, March 1994.
- J.772 Photocopy of House of Commons debate on the health service in London, 10 February 1984.
- J.773 RPMS Corporate Plan, and letter arising from Dainton's response, August 1994.
- J.774 Correspondence and papers, chiefly *re* merger into Imperial College, 1995, 1997.
- J.775 Material *re* RPMS 'End of an Era' party, 31 July 1997.  
  
Dainton was the first speaker on the evening.  
  
Includes correspondence *re* arrangements; commemorative brochure; manuscript notes for Dainton's speech.

**Societies and organisations**

**J.776-J.811                      National Centre for Clinical Research                      1971-1989**

The proposal to establish a national clinical research centre in conjunction with a general hospital was initiated by the Medical Research Council in 1959. In 1970 Northwick Park Hospital in the North West Thames Regional Health Authority was chosen as the most suitable site and the Clinical Research Centre (CRC) established with Sir Graham Bull as its first Director (succeeded in 1978 by Sir Christopher Booth). Dainton was on the CRC's Northwick Park Advisory Committee from its establishment.

In January 1986, faced with an increasingly difficult financial situation, a crisis in clinical research and increasing pressure on general hospitals to deliver more efficient patient care, the Clinical Research Centre Committee chaired by Sir Michael Stoker reported to the MRC (the Stoker Report, J.780) that the CRC should be merged with the RPMS and the National Institute for Medical Research into a National Centre for Clinical Research on a single site.

- J.776-J.779                      Minutes of meetings of the Northwick Park Advisory Committee, 1971-1980.
- J.776                              1971.
- J.777                              1973, 1974.
- J.778                              1977, 1979.
- J.779                              1980.
- J.780                              Clinical Research Centre Committee Report (the Stoker Report), January 1980.  
  
Extensively annotated by Dainton.
- J.781                              'The Stoker Report and the future of Northwick Park' by C.C. Booth, *The Lancet*, 15 February 1986, 372-374.

### Societies and organisations

- J.782-J.788 Clinical Research Co-ordinating Committee, 1986-1988.
- This committee (the Nicholson Committee) was established by the MRC in 1986, following its broad acceptance of the Stoker Report, to consider how the Report's recommendations might be implemented. Dainton was a member of the Committee. It reported in 1988 recommending the Hammersmith site for a national centre for clinical research and medical education.
- A Steering Group was then established, with Dainton as a member, to oversee moves to launch the new centre.
- J.782-J.784 Minutes of committee meetings, 1986-1988.
- J.782 1986.
- J.783 1987.
- J.784 1988.
- J.785 Clinical Research Co-ordinating Committee Report to the MRC, May 1988.
- J.786-J.788 Correspondence and papers *re* submissions to the Committee, comments on preliminary reports etc.
- J.786 Submission to the Committee from the RPMS and Hammersmith and Queen Charlotte's Special Health Authority, May 1986.
- J.787 Correspondence and papers *re* management of the proposed research centre, March 1987.
- The material includes draft of MRC paper 'Governance/management of the new centre for postgraduate medical education and research', annotated by Dainton.
- J.788 'Option Appraisal for a new national centre for multispecialty postgraduate medical education and research', Deloitte, Haskins and Sells, Consultants, April 1987.

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- J.789 Papers, May 1987.
- J.790 'The case for the Hammersmith site', annotated by Dainton, September 1987.
- J.791 Papers, September-December 1987.  
In October the MRC had indicated its preference for the Hammersmith Hospital site and consideration then had to be given to its expansion.
- J.792 Correspondence and papers, February-March 1988.
- J.793 'New National Centre for Multispecialty Postgraduate Medical Education and Research. Proposed for a Staged Development', MRC paper, August 1988.
- J.794 Correspondence and papers, December 1988-January 1989.  
Includes timetable for visit of Kenneth Clarke MP, Secretary of State for Health, on 11 January 1989.
- J.795 Letter *re* Provostship of new centre, 30 December 1988.
- J.796, J.797 Papers *re* letter to the Prime Minister, January-February 1989.  
This letter was to be sent from the Secretary of State for Education and Science, Kenneth Baker MP, to the Prime Minister seeking endorsement for the new national clinical research centre. It was to be prepared for him to sign by the MRC in consultation with the Steering Group.  
2 folders.
- J.798 'MRC Clinical Research Initiative: proposal for a new national centre based on the Royal Postgraduate Medical School', MRC note for Steering Group meeting 22 February 1989; letter *re* meeting, 20 February 1989.

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- J.799-J.804 Papers for Steering Group meeting, 8 May 1989.  
6 folders.
- J.805 Correspondence and papers arising from meeting on 8 May 1989.
- J.806-J.808 Final draft of 'The New National Centre for Clinical Research. Feasibility Study for Hammersmith site', annotated by Dainton, June 1989.  
3 folders.
- J.809 Dainton's manuscript notes on 'Discussion' at the RPMS, 13 June 1989.
- J.810 Papers *re* possible purchase of playing fields adjoining the Hammersmith Hospital, July, November 1989.
- J.811 Correspondence and papers *re* plans for national centre, September-October 1989.  
  
The agreement between the Advisory Board for the Research Councils and the MRC to base a single new national centre round the RPMS was amended to reduce the initial investment into the RPMS and allocate more resources to other research centres.
- J.812-J.814 RPMS Cancer Trust 1989**
- This was established in February 1989 to raise funds for the Hammersmith Cancer Centre. Dainton was a Vice-President of the Trust.
- J.812 February.
- J.813 May.
- J.814 June-December.

**Societies and organisations**

**J.815-J.822                      ROYAL SOCIETY OF CHEMISTRY                      1991-1997**

J.815-J.821                      BOC Priestley Conferences Organising Committee

J.822                                      Postgraduate Training

**J.815-J.821                      BOC Priestley Conferences Organising Committee                      1991-1997**

The material is chiefly papers of meetings of the Committee, drafts of conference material etc.

See M.165-M.169 for material relating to the 7th BOC Priestley Conference held at Bucknell University, USA, June 1994, which Dainton attended.

J.815                                      1991.

J.816                                      1992.

J.817                                      1994.

J.818                                      1995.

J.819                                      1996.

J.820                                      Dainton's 'Chairman's Remarks' introducing Brian Smith as Priestley Lecturer, Leeds, 17 September 1996; remarks announcing winners of the Schools Priestley Competition, 1996, found therewith.

J.821                                      1997.

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- J.822**                      **Postgraduate Training**                      **1994**
- J.822                      Correspondence *re* Royal Society of Chemistry response to Office of Science and Technology paper on postgraduate research and training, March-April 1994.
- J.823-J.826**                      **ROYAL SOCIETY OF LONDON:  
AD HOC GROUP ON THE REVIEW OF THE UGC**                      **1985-1986**
- In 1985 the Department of Education and Science established a committee under Lord Croham to review the work of the University Grants Committee (UGC). The Royal Society established an *ad hoc* group under D.C. Smith to prepare a Royal Society submission to the Croham Committee. As a past Chairman of the UGC, Dainton was appointed a member of this *ad hoc* group. In addition to contributing to the Royal Society submission, Dainton also gave evidence on his own behalf to the Croham Committee.
- See also H.9-H.11.
- J.823                      Correspondence and papers *re* meeting on 14 November 1985 with Croham Committee, August 1985-January 1986.
- Includes Dainton's Memorandum to the Committee and his manuscript notes.
- J.824                      Correspondence *re* establishment of and papers for the Royal Society *ad hoc* group, October 1985-January 1986.
- J.825                      Correspondence *re* other submissions to the Croham Committee, December-February 1986.
- J.826                      Miscellaneous background information *re* the Croham Committee and the work of the UGC.

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<b>J.827-J.855</b>	<b>ST HILDA'S COLLEGE OXFORD</b>	<b>1982-1996</b>
J.827, J.828	Lee Hysan Visiting Scholarships	
J.829-J.855	Jacqueline du Pré Memorial Fund	
<b>J.827, J.828</b>	<b>Lee Hysan Visiting Scholarships</b>	<b>1982</b>
	Correspondence relating to grant from Lee Hysan Foundation, Hong Kong, to establish visiting scholarships to St Hilda's College for Chinese and Hong Kong students.	
	Dainton was visiting Hong Kong in 1982 and offered to help liaise with the Foundation on behalf of the College.	
J.827	February-March 1982.	
J.828	April-June 1982.	
<b>J.829-J.855</b>	<b>Jacqueline du Pré Memorial Fund</b>	<b>1988-1996</b>
	The Memorial Fund was raising money for a music building in memory of the cellist Jacqueline du Pré (1945-1987), who was an Honorary Fellow of St Hilda's.	
	Dainton was a Trustee of the Fund and Chairman of its Executive Committee. He presided over the laying of the foundation stone in December 1994 and the building was opened at the end of 1995.	
J.829-J.833	Minutes and other papers of meetings of the Trustees, 1988-1994.	
J.829	1988.	
J.830	1989.	
J.831	1990-1991.	

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J.832	1992-1993.
J.833	1994.
J.834-J.836	Minutes of meetings of the Executive Committee, 1989-1993.
J.834	1989.
J.835	1990.
J.836	1991-1993.
J.837-J.839	'Key supporting papers retained'. Contents of Dainton's folder so inscribed divided into three for ease of reference.
J.837	Copy of the Trust Deed, November 1988.
J.838	List of Trusts, December 1988.
J.839	'Position Paper', October 1991.
J.840	Papers <i>re</i> Music Building business plan, <i>ca</i> 1992.
J.841-J.853	General correspondence and papers <i>re</i> progress of the appeal, 1990-1996.
J.841	1990-1991.
J.842	1992.

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- J.843                      January-February 1993.
- J.844                      March-April 1993.
- J.845                      November 1993.
- J.846                      December 1993.
- J.847                      January-February 1994.
- J.848                      June-September 1994.
- J.849                      October-December 1994.  
  
Includes manuscript note for Dainton's remarks on laying of Foundation Stone for the new building, 4 December, and typescript biographical notes on Jacqueline du Pré found therewith.
- J.850                      January 1995.
- J.851                      February-March 1995.
- J.852                      April-August 1995.
- J.853                      September 1995-April 1996.
- J.854, J.855              Appeal literature, 1991-1995.  
  
2 folders.

**Societies and organisations**

**J.856-J.858                      ST LUKE'S HOSPICE, SHEFFIELD                      1993-1995**

Dainton was a Patron of this Sheffield-based charity.

Correspondence and papers *re* fund-raising, 1993-1995.

J.856                      1993.

J.857                      1994.

J.858                      1995.

**J.859                                      SAVE BRITISH SCIENCE SOCIETY                                      1997**

J.859                      Papers, 1997.

**J.860-J.869                      SHEFFFIELD GALLERIES AND MUSEUMS TRUST                      1988-1997**

One of the projects for the regeneration of the city of Sheffield in a bid to the Millennium Commission was for a new Millennium Gallery, featuring items from the Victoria and Albert Museum in London and temporary exhibitions of national and international significance. This would complement the city's existing museums and galleries, which were also part of the regeneration scheme. Following the success of the bid the Sheffield Galleries and Museums Trust was established as an independent charitable body to be responsible for the existing galleries and museums (taking over from the city council) and the new development.

Dainton was a member of the 'Hallam Group' which was involved in the plans for Sheffield's regeneration and had an active interest in its work. He was later appointed a Trustee of the Galleries and Museums Trust.

General material about the plans for Sheffield, including the Hallam Group is at A.419-A.442.

J.860                      Correspondence and papers *re* Millennium Gallery and related, 1988, 1994-1996.

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- J.861 'The Millennium Gallery Sheffield. Project Description', November 1995.
- J.862 'The Millennium Gallery & Winter Garden', 3 July 1996.
- J.863 'A brochure in support of the Weston Project', Sheffield City Council, May 1997.
- J.864 The Millennium Gallery Sheffield Project Description, 7th version, May 1997.
- J.865 The Millennium Gallery Sheffield Project review, May 1997.
- J.866 Correspondence and papers, May-September 1997.
- J.867 'Stabilisation Strategy Report. Sheffield Galleries & Museums Consortium', Arts Council of England, June 1997.
- J.868 'Stabilisation Strategy. Additional Information (including Millennium Gallery)', August 1997.
- J.869 Correspondence and papers, October 1997.  
  
Includes minutes of first meeting of 'Shadow' Board of Trustees, 6 October 1997.
- J.870 SHEFFIELD KIDNEY RESEARCH FOUNDATION 1991-1992**
- J.870 Correspondence and papers, 1991-1992.  
  
Includes draft of Dainton's 'Foreword' to the Foundation's Annual Report, 1992.

**Societies and organisations**

<b>J.871-J.880</b>	<b>SOCIETY OF DESIGNER-CRAFTSMEN</b>	<b>1985-1997</b>
	Dainton was President of the Society, 1985-1996.	
J.871-J.874	General correspondence and papers, 1985-1997.	
J.871	1985.  Includes invitation to serve as President.	
J.872	1989.	
J.873	1993-1994.  Chiefly <i>re</i> links between the Society and the Crafts Council.	
J.874	1995-1997.	
J.875-J.877	Minutes of Council meetings, 1986-1989.	
J.875	1986.	
J.876	1987.	
J.877	1988-1989.	
J.878	Issues of Society 'News Sheet', 1988-1997.  Not a complete sequence.	
J.879, J.880	Miscellaneous Society printed literature, 1990s.  2 folders.	

**Societies and organisations**

**J.881                      SOUTH YORKSHIRE COMMUNITY FOUNDATION                      1997**

Dainton was a Vice-President of the Foundation.

J.881                      Letter *re* Foundation, 1997.

**J.882-J.892                      UNIVERSITY OF EAST ANGLIA                      1990-1996**

Dainton was a member of the University's School of Environmental Sciences' Science Advisory Group

Correspondence and papers *re* work of the School and meetings of the Group.

J.882                      1990.

J.883                      Meeting, 10 January 1991

J.884                      January-March 1991.

J.885                      April-November 1991.

J.886                      1992.

J.887                      1993.

Response to HEFCE (Higher Education Funding Council for England) funding allocation for the School.

J.888                      1994.

### Societies and organisations

- J.889                      1995.  
Includes correspondence *re* reorganisation of the Group.
- J.890                      Meeting, 11-12 January 1996.  
Dainton, as the sole member of both the old and the reconstituted Group, chaired the meeting.
- J.891                      January-February 1996.  
Chiefly correspondence arising from the meeting.
- J.892                      July-December 1996.

**J.893-J.905                      UNIVERSITY OF LONDON: CITY AND EAST LONDON                      1982-1995  
MEDICAL EDUCATION GROUP**

This Group was established in 1982 to examine the implementation of the proposed merger of the pre-clinical schools of St Bartholomew's Hospital Medical College, London Hospital Medical College and Queen Mary's College, and their incorporation into one institution based at Queen Mary's (the 'BLQ plan').

An original plan for merger had been mooted in 1969 and a Joint Policy Committee established under Sir Harry Melville. Little progress was made, however, and in 1982 the new body was established by the University of London to resume the planning for merger. Dainton was appointed the independent Chairman of the Group.

From the beginning of the Group's work, St Bartholomew's expressed reservations about implementing the original BQL plan, arguing that the academic work carried out in the Medical College was expanding and would be weakened by a loss of the pre-clinical school. It also felt that there were other ways to build links between the institutions. After further discussions and meetings, in November 1985, St Bartholomew's withdrew from the scheme and the Group was disbanded.

In October 1986 a new plan was put forward to join the three pre-clinical schools in a confederation. In 1995 a Bill was presented to Parliament to merge St Bartholomew's and London Hospital Medical Colleges with Queen Mary and Westfield College.



**Societies and organisations**

- J.904, J.905            Minutes of the Group meetings, 1983-1985.
- J.904                    1983.
- J.905                    1984, 1985.
- J.906                    UNIVERSITY OF MANCHESTER                    1974**
- J.906                    Information *re* courses offered by the University's Department of Liberal Studies in Science, 1974.
- J.907-J.965            WOLFSON FOUNDATION                    1978-1989**
- Dainton was a Trustee of the Wolfson Foundation 1979-1988. He was also chairman of the British Library's Wolfson Awards Committee, established to oversee awards made under this scheme (see J.145-J.165).
- J.907-J.913            General correspondence and papers
- J.914-J.928            Trustees meetings
- J.929-J.946            Role of Trustees
- J.947                    Wolfson Technology Trust
- J.948-J.965            Biotechnology Programme
- J.907-J.913            General correspondence and papers                    1978-1988**
- J.907                    Correspondence *re* appointment of Dainton as Trustee, 1978-1979.  
Includes copy of 1955 Trust Deed.

**Societies and organisations**

J.908-J.913	'Wolfson Corres. With Office'. Contents of Dainton's folder so inscribed divided into six for ease of reference: correspondence and papers <i>re</i> applications, grants policy, staffing and organisation, etc., 1984-1988.	
J.908	1984-1986.	
J.909	January-July 1987.	
J.910	August-December 1987.	
J.911	February, March 1988.	
J.912	June 1988.	
J.913	July-September 1988.	
<b>J.914-J.928</b>	<b>Trustees meetings</b>	<b>1979-1988</b>
	Minutes of and papers for meetings of the Wolfson Trustees.	
J.914	1979, 1980.	
J.915	1981, 1982.	
J.916	1983.	
J.917	1984.	
J.918	30 May 1985.	

**Societies and organisations**

J.919	14 November 1985.	
J.920	9 June 1986.	
J.921	20 November 1986.	
J.922-J.925	December 1986. 4 folders.	
J.926	19 February 1987.	
J.927	11 June, 4 December 1987.	
J.928	24 June 1988.	
<b>J.929-J.946</b>	<b>Role of Trustees</b>	<b>1985-1987</b>
	Correspondence and papers.	
J.929	August-December 1985.	
J.930	November 1985.	
J.931	January, February 1986.	
J.932	March, April 1986.	
J.933	May 1986.	

**Societies and organisations**

J.934, J.935	June 1986. 2 folders.	
J.936	July 1986.	
J.937	August 1986.	
J.938	September 1986.	
J.939	October 1986.	
J.940, J.941	November 1986. 2 folders.	
J.942	December 1986.	
J.943	January, February 1987.	
J.944-J.946	January 1987. 3 folders.	
<b>J.947</b>	<b>Wolfson Technology Trust</b>	<b>1986</b>
J.947	Correspondence <i>re</i> establishment of the Wolfson Technology Trust, July-October 1986.	

**Societies and organisations**

<b>J.948-J.965</b>	<b>Biotechnology Programme</b>	<b>1982-1989</b>
	In May 1983 Dainton persuaded the Wolfson Foundation to establish a £2 million programme to support work in British universities in biotechnology, a field in which the UK was thought to be falling behind. In 1986, with two outstanding applications from Sheffield and University College London, Dainton recommended a further £1 million be set aside for these two projects.	
J.948-J.951	General correspondence and papers <i>re</i> Wolfson support for biotechnology projects, 1982-1986.	
J.948	1982.	
J.949	1983.  Includes two reports by Dainton <i>re</i> Wolfson support for biotechnology.	
J.950	1984.  Includes report by Dainton <i>re</i> Wolfson support for biotechnology.	
J.951	1985-1986.	
J.952-J.958	Application from the University of Sheffield, 1986-1989.	
J.952	Copy of application, April 1986.	
J.953-J.958	Correspondence and papers <i>re</i> the application, 1986-1989.	
J.953-J.955	1986.  3 folders.	
J.956	1987.	
J.957	1988-1989.	

**Societies and organisations**

- J.958 Dainton's manuscript notes, n.d.
- J.959, J.960 Application from University College London, 1986.
- J.959 Copy of application, January 1986.
- J.960 Papers *re* application, 1986.
- J.961 Application from the University of Surrey, 1986.  
Papers *re* application, 1986.
- J.962 Application from the University of Cambridge, 1986.  
Papers *re* application, 1986.
- J.963-J.965 Photocopied and printed background information on biotechnology, 1981-1984, n.d.  
3 folders.
- J.966-J.998 WORKING GROUP ENQUIRY INTO THE FLOW OF CANDIDATES IN SCIENCE AND TECHNOLOGY INTO HIGHER EDUCATION 1966-1986**
- This enquiry was established by the Council for Scientific Policy under the chairmanship of Dainton in February 1965 to examine the causes of and remedies for the persistent shortage of young people studying science and engineering at university (known as the 'Swing Away from Science'). It produced an interim report in 1966 and a final report (the Dainton Report) in February 1968 (Cmnd. 3541).
- J.966 Correspondence and papers, 1966-1968.  
Includes information on the 'flight from science' in other countries.

### Societies and organisations

- J.967-J.970 Data and information for the report, ca 1968.
- J.967 Manuscript notes and graphs from 'R-S Discussion 1 June 1967'.
- J.968 'Science and specialisation in school' by D.W. Tanner, 10pp typescript note on likely contents of the Dainton report, 1967
- J.969 Miscellaneous data.
- J.970 Printed, duplicated typescript etc background material.
- J.971 Release of the Dainton Report.  
Correspondence and papers *re* arrangements for press-conference, copy of press release etc, February 1968.
- J.972 Department of Education and Science 'Reports on Education', issue 44 on the Dainton Report, March 1968.
- J.973-J.977 Reaction to the Dainton Report, March 1968-December 1970.
- J.973-J.975 Newspaper and magazine cuttings, summary of reaction, etc.  
3 folders.
- J.976 Dainton's manuscript notes on criticisms of the Report.
- J.977 Correspondence arising, 1968-1970.
- J.978-J.990 Dainton's talks, articles and lectures on the Report, 1968-1970, n.d.
- J.978 'The "civics" in their national role', *Financial Times*, 11 March 1968.  
Offprint.

### Societies and organisations

- J.979 Manuscript notes on education and training of chemists, written on menu of Presidents' Luncheon, Joint Annual Meetings of Chemical Societies of UK and Ireland, Dublin, April 1968.
- J.980 'The training of scientists for industry', 2pp typescript summary, Turner & Newall Research Fellows' Symposium, April 1968.
- J.981 'The next generation of scientists and technologists', lecture at Heriot-Watt University, Edinburgh, May 1968.  
  
Offprint.
- J.982 Newspaper cuttings of remarks on education and training of scientists made by Dainton on visit to Australia, September 1968.
- J.983 Royal Society Conference on Swing from Science in Schools, 24 October 1968.  
  
Dainton spoke on 'The flow into higher education'.  
  
Conference Report.
- J.984 Manuscript notes on 'New VIth Form', from ?meeting at 'Keele 2/11/68'.
- J.985 'Aims of scientific education', talk at Tavistock Square, 10 February 1969.  
  
1p manuscript.
- J.986 'Education and research in the pure and applied sciences', lecture and responses thereto, 21 July 1969.  
  
8pp manuscript.
- J.987 Manuscript notes on meeting in Dublin, Ireland, 24-25 November 1969.

**Societies and organisations**

- J.988 'The swing from science', Letter to *Education in Science*, 22 December 1970.  
Typescript copy.
- J.989 'Reflections on sci[ence] education', lecture, n.d.
- J.990 Miscellaneous manuscript notes.
- J.991-J.998 Later correspondence and papers relating to the education, training and retention of scientists and engineers, 1968-1971, 1986.
- J.991 1968.
- J.992 1969.
- J.993 1970.
- J.994 1971.
- J.995-J.998 'Fred Naylor'. Contents of Dainton's folder so labelled divided into four for ease of reference: correspondence and papers chiefly *re* numbers of school children studying for A-levels in science subjects and mathematics, 1986.  
  
Naylor was an ex-teacher and examiner with expertise in educational statistics.
- J.995 April-June 1986.
- J.996 July 1986.
- J.997 October-November 1986.
- J.998 December 1986.

**SECTION K                      PUBLICATIONS                      K.1-K.193**

K.1-K.16	OFF-PRINTS
K.17-K.130	DRAFTS
K.131-K.165	OBITUARIES AND MEMOIRS
K.166-K.182	BOOK REVIEWS
K.183-K.193	CORRESPONDENCE <i>RE</i> PUBLICATIONS

**K.1-K.16                      OFF-PRINTS                      1937-1996**

K.1	'Papers F.S. Dainton 1937-1949'. Bound volume. At front is bibliography of 286 papers, 1937-1973.
K.2	'Papers F.S. Dainton 1950-1957'. Bound volume.
K.3	'Papers F.S. Dainton 1957-1960'. Bound volume.
K.4	'Papers F.S. Dainton 1961-1965'. Bound volume.
K.5	'Papers F.S. Dainton 1965-1967'. Bound volume.
K.6	'Papers F.S. Dainton 1968-1973'. Bound volume.
K.7-K.16	Unbound off-prints
K.7	1967-1971.



### Publications

- K.18                   Typescript draft of paper, latest bibliographical reference, 1950.  
Inscribed at top of first page 'Please return to FSD 6/6/56'.
- K.19                   Typescript draft of paper, latest bibliographical reference, 1950, with 1p  
manuscript page attached.
- K.20                   Manuscript draft headed '[word illegible]-Neuberger problem and suggested  
line of attack' and dated '14/4/42'.  
  
Miscellaneous manuscript notes including 1p headed 'Some Expts with  
Horseradish Peroxidase'.
- K.21                   Off-prints, 1942, 1952-1953.
- K.22                   Contents of envelope found within larger folder: typescript draft of paper,  
latest bibliographical reference 1950; figures; typescript note by P. George  
and D.H. Irvine 'Free Radical Production in Redox Reactions of Peroxidase,  
Catalase and Myoglobin', latest bibliographical reference, 1949; brief  
correspondence 1951, 1953.
- K.23-K.28           Contents of folder found within larger folder inscribed 'Catalase Peroxidase  
P. Smith' divided into six for ease of reference; manuscript notes; figures; off-  
prints, 1947-1954; brief correspondence, 1951, 1954.
- K.28A                'The Reactivity of Hydroxyl Radicals in Aqueous Solution. Part 1. Reactions  
with Hydrogen and Carbon Monoxide', *Trans. Far. Soc.*, vol 53, 1957.  
  
Manuscript outline of paper initialled 'F.S.D' and dated '19/9/55'.
- K.29-K.57           'An introduction to Radiation Chemistry' with E. Collinson, n.d.  
  
Correspondence, drafts etc *re* book of this title.
- K.29                 Correspondence with Methuen & Co Ltd publishers and Dainton's co-author,  
E. Collinson, 1957-1962.

### Publications

- K.30-K.36 Contents of envelope: typescript drafts.
- K.30 Title page headed in ink 'Dr Collinson', contents list and points for preface.  
'Chapter 1 Introduction' headed in ink 'Dr Collinson'
- K.31 'Chapter II. Types of Radiation: Mechanisms of Energy Deposition'.
- K.32 'Chapter V Some Commonly-used Methods for Studying Intermediaries in Radiation-Chemical Reactions'.  
  
'List of Important Symbols in order of First Appearance'.
- K.33, K.34 'Chapter VI Some General Properties of (A) Excited Molecules, (B) Molecular Ions, (C) Electrons and (D) Free Radicals Relevant to Radiation Chemistry'.  
  
2 folders.
- K.35 'Chapter VII The General Pattern of the Kinetics of Radiation – Chemical Reactions'.
- K.36 'Chapter VIII Aqueous Systems: the Primary Species and their Expected Reactions with one another and with Solutes'.
- K.37-K.45 Contents of folder labelled 'Book - 2nd carbon with Edgar and E.C. comments': typescript drafts and manuscript notes.
- K.37 'Kinetic Studies by E.S.R. 2/11/62', manuscript notes.  
  
'List of Important Symbols in order of First Appearance', typescript.  
  
'Chapter 1. Introduction', typescript. Stamped 'F.S. Dainton School of Chemistry The University Leeds, 2.'
- K.38 'Chapter II. Types of Radiation: Mechanisms of Energy Deposition', typescript with 1p manuscript comments.

### Publications

- K.39 'Chapter V Some Commonly-used Methods for Studying Intermediaries in Radiation-Chemical Reactions', typescript with 1p manuscript comments.
- K.40, K.41 'Some General Properties of (A) Excited Molecules, (B) Molecular Ions, (C) Electrons and (D) Free Radicals Relevant to Radiation Chemistry', typescript with 1p manuscript comments.  
  
2 folders.
- K.42 'Chapter VII The General Pattern of the Kinetics of Radiation – Chemical Reactions', typescript with 1p manuscript comments.
- K.43 'Chapter VIII Aqueous Systems: the Primary Species and their Expected Reactions with one another and with Solutes', typescript with 1p manuscript notes.
- K.44 'Chapter IX The Observed Dependence of Radical and Molecular Yields on the Experimental Variables', typescript.
- K.45 'Chapter X The Radiolysis of Water and the Effect of Dissolved Hydrogen, Oxygen and Hydrogen Peroxide', typescript.
- K.46-K.57 Contents of folder: manuscript and typescript drafts.  
  
The drafts are stamped 'F.S. Dainton School of Chemistry The University Leeds, 2.'
- K.46 Title page, contents list and points for preface, typescript.  
  
Part 2 of contents list and 'List of important symbols in order of first appearance', manuscript.
- K.47 'Chapter II. Types of Radiation Mechanisms of Energy Deposition', typescript and manuscript draft.
- K.48 'Chapter V Some commonly used Methods for studying Intermediates in Radiation-Chemical Reactions', manuscript and typescript draft.

### Publications

- K.49, K.50 'Chapter VI Some General Properties of (A) Excited Molecules, (B) Molecular Ions, (C) Electrons and (D) Free Radicals Relevant to Radiation Chemistry', manuscript and typescript draft.  
2 folders.
- K.51 'Chapter VII The General Pattern of the Kinetics of Radiation – Chemical Reactions', manuscript and typescript draft.
- K.52 'Chapter VIII Aqueous Systems: the Primary Species and Their Expected Reactions with One Another and with Solutes', manuscript draft.  
References for Chapters V-IX, manuscript draft.
- K.53 'Chapter VI The Radiation Chemistry of Some Non-Aqueous Inorganic Systems', typescript and manuscript draft.
- K.54 'Chapter VI The Radiation Chemistry of Some Non-Aqueous Inorganic Systems', typescript and manuscript draft.
- K.55 'Chapter IX The Radiation Chemistry of Organic Vapours', typescript, 2 copies.  
'Some Typical Gas Reactions', manuscript notes.  
Miscellaneous manuscript notes.
- K.56 'Chapter IX The Observed Dependence of Radical and Molecular Yields on the Experimental Variables', manuscript draft.
- K.57 'Chapter X The Radiolysis of Water and the Effect of Dissolved Hydrogen, Oxygen and Hydrogen Peroxide', manuscript draft.
- K.57A The Rates of Some Reactions of Hydrogen Atoms in Water at 25°C' (with S.A. Sills), *Proceedings of the Royal Society of Chemistry*, June 1962.  
4pp typescript.

### Publications

- K.58, K.59 'Chemical Species in Water'. In *Proceedings of the International School of Physics "Enrico Fermi" Course XXX*, 1964.  
Manuscript, typescript drafts etc.  
2 folders.
- K.60, K.61 'Chemical Dosimetry'. . In *Proceedings of the International School of Physics "Enrico Fermi" Course XXX*, 1964.  
Manuscript, typescript drafts etc.  
2 folders.
- K.62, K.63 'The Teaching of Chemical Kinetics and Equilibrium at Pre-University Level' with D.G. Fisher, Senior Science Master, Leeds Modern School, n.d. ca 1965-1966.
- K.62 Typescript draft; diagrams.
- K.63 Correspondence, 1965-1966.
- K.64 'The Swing away from Science', Letter to the Editor of *The Times*, 1969.  
Manuscript and typescript drafts, carbon of letter as sent to *The Times*, 5 August 1969 and related papers including letter from Department of Education and Science, 12 May 1970.
- K.65 'The University of Nottingham', *Chemistry in Britain*, 1969.  
8pp typescript.
- K.66 'Higher Education - Evolution or Revolution', *Guardian*, 1972.  
Typescript draft; letter from *Guardian*, January 1972.
- K.67 'Oxford and the R&D Fracas', *Zenith*, 1972.  
Typescript draft with covering letter, 28 February 1972, inscribed 'Appeared Mich[aelmas] Term 72'; copy of article as published.

### Publications

- K.68 'The Science Graduate: His Education and His Career', *Nature*, 1973.  
Photocopied typescript inscribed 'Original draft'; proof copy; letter from *Nature*, 19 March 1973.
- K.69, K.70 'Reactions of Solvated Electrons', n.d. but written by Dainton as Dr Lee's Professor of Chemistry, Oxford, 1970-1973.
- K.69 Manuscript draft 'to appear in "The Bicennial Review of Chemistry" Section (a) "Physical Chemistry" Volume (b) "kinetics".'
- K.70 Typescript draft.
- K.71 Draft letter to unidentified publication. N.d but states 'The award ceremony will take place on All Fools Day 1976'.  
1p typescript.
- K.72-K.127 *Choosing a British University A Guide for Candidates in the United States for Fulbright Awards and Marshall Scholarships*. London, 1981.  
Principally photographs and other material sent to Dainton in 1978 in respect of the preparation of the guide.  
Most of the material is presented as an alphabetical sequence by university.  
See K.127 for a copy of the guide prepared by Dainton.
- K.72 University College of Wales, Aberystwyth.
- K.73 University of Aston in Birmingham.
- K.74 University College of North Wales, Bangor.
- K.75 University of Bath.
- K.76 The Queen's University of Belfast.

**Publications**

- |           |  |
|-----------|--|
| K.77-K.79 | University of Birmingham.<br>3 folders.      |
| K.80      | University of Bradford.                      |
| K.81      | University of Bristol.                       |
| K.82      | Brunel University.                           |
| K.83      | University of Cambridge.                     |
| K.84      | University College, Cardiff.                 |
| K.85      | City University.                             |
| K.86      | University of Dundee.                        |
| K.87      | University of Durham.                        |
| K.88      | University of East Anglia.                   |
| K.89      | University of Edinburgh.                     |
| K.90      | University of Essex.                         |
| K.91      | University of Exeter; University of Glasgow. |
| K.92      | University of Hull.                          |

### Publications

- K.93 University of Keele.
- K.94 University of Kent.
- K.95 St David's University College, Lampeter.
- K.96 University of Lancaster.
- K.97 University of Leeds.
- K.98 University of Leicester.
- K.99 University of Liverpool.
- K.100 University of London.
- K.101 University of Manchester.
- K.102 University of Manchester Institute of Science and Technology.
- K.103 University of Newcastle upon Tyne.
- K.104 University of Nottingham.
- K.105 University of Oxford.
- K.106 University of Reading.

### Publications

- K.107 University of Salford.
- K.108 University of Sheffield.
- K.109 University of Southampton.
- K.110 University of Stirling.
- K.111 University of Strathclyde.
- K.112 University of Surrey.
- K.113 University College of Swansea.
- K.114 New University of Ulster.
- K.115 University of Wales
- K.116 University of Wales Institute of Science and Technology.  
University of Wales Welsh National School of Medicine.
- K.117 University of Warwick.
- K.118 University of York.
- K.119-K.124 Contents of Dainton's folder divided into six for ease of reference:  
miscellaneous university photographs.



### Publications

- |             |  |            |
|-------------|--|------------|
| K.136-K.139 | G.B. Kistiakowsky  | 1959-1985  |
|             | Principally background material for Dainton's Royal Society memoir of Kistiakowsky ( <i>Biographical Memoirs of Fellows of the Royal Society</i> , vol 31, November 1985). An off-print of the memoir is at K.136. |            |
|             | 4 folders.   |            |
| K.140       | J.W. Linnett   | 1975       |
|             | Dainton gave the address at the memorial service for Linnett.  |            |
| K.141       | M. Magat   | 1978, 1980 |
| K.142       | A. W. Merrison (Sir Alec Merrison)   | 1989, 1996 |
| K.143-K.146 | C.R. Morris (Lord Morris of Grasmere)  | 1990-1994  |
|             | Dainton wrote an obituary of Morris for the <i>Independent</i> , gave the address at the memorial service and wrote the article on Morris for the <i>Dictionary of National Biography</i> .                        |            |
|             | 4 folders.   |            |
| K.147       | R.G.W. Norrish   | 1981       |
|             | Off-print only of Royal Society memoir by Dainton ( <i>Biographical Memoirs of Fellows of the Royal Society</i> , vol 27, November 1981).  |            |
|             | See also A.397-A.407.  |            |
| K.148       | G. Porter (Lord Porter)  | 1969       |
|             | Off-print of 'Appreciation' written by Dainton for <i>The University of Leeds Review</i> , vol 12, May 1969.   |            |
|             | See also A.408.  |            |
| K.149       | J. Saxton  | 1980       |
|             | First two pages only, of funeral address.  |            |

### Publications

- |             |              |           |
|-------------|--------------|-----------|
| K.150-K.161 | N.N. Semenov | 1986-1992 |
|-------------|--------------|-----------|
- Dainton wrote the Royal Society memoir of Semenov (*Biographical Memoirs of Fellows of the Royal Society* vol 36, 1990).
- |              |                            |
|--------------|----------------------------|
| K.150, K.151 | Correspondence, 1986-1992. |
|              | 2 folders.                 |
- |       |                      |
|-------|----------------------|
| K.152 | Off-print of memoir. |
|-------|----------------------|
- |       |  |
|-------|--|
| K.153 | Miscellaneous background material including typescript headed 'Material of Semenov's daughter Lyudmila'. |
|-------|--|
- |             |              |
|-------------|--------------|
| K.154-K.161 | Photographs. |
|-------------|--------------|
- |       |   |
|-------|---|
| K.154 | Photographs used in Royal Society memoir:                                       |
|       | Portrait photograph of Semenov, 1966.   |
|       | Semenov with Hinshelwood in 1956 when they shared the Nobel Prize for Chemistry |
|       | Portrait of the youthful P.L. Kapitza and Semenov by Koustodiev <i>ca</i> 1920. |
|       | Academicians P.L. Kapitza, I.K. Kikain and Semenov with Mrs Anna Kapitza, 1979. |
- |             |                                       |
|-------------|---------------------------------------|
| K.155-K.160 | Miscellaneous photographs of Semenov. |
|-------------|---------------------------------------|
- |       |                |
|-------|----------------|
| K.155 | 1912, 1913.    |
|       | 2 photographs. |
- |       |                |
|-------|----------------|
| K.156 | 1921, 1927.    |
|       | 2 photographs. |

**Publications**

K.157	1930s, 1940s. 3 photographs.	
K.158	1950s. 3 photographs.	
K.159	1960s. 10 photographs.	
K.160	1978, 1979, 1983. 4 photographs.	
K.161	Photograph of Anna Kapitza, 1988.	
K.162	J.M. Tedder (Lord Tedder)	1994
K.163-K.165	S. Zuckerman Dainton wrote a biographical memoir for the American Philosophical Society.	1992-1996
K.163, K.164	Correspondence, typescript draft, off-print, 1992-1996. 2 folders.	
K.165	Background material.	
<b>K.166-K.182</b>	<b>BOOK REVIEWS</b>	<b>1950-1997</b>
K.166	List of book reviews by Dainton, 1951-1966.	

### Publications

K.167-K.182	Contents of Dainton's folder inscribed 'Book Reviews': manuscript and typescript drafts, proof copies, cuttings, correspondence, etc <i>re</i> Dainton's reviews of books on technical and general topics.
K.167	1950-1952.
K.168	1956-1958.
K.169	1960.
K.170	1961.
K.171	1962.
K.172	1963.
K.173	1964-1965.
K.174	1966, 1969.
K.175	1970-1971.
K.176	1973, 1976.
K.177	1978-1979.
K.178	1980-1981.
K.179	1982-1984.

### Publications

K.180	1986-1990.	
K.181	1995-1996.	
K.182	1997.	
<b>K.183-K.193</b>	<b>CORRESPONDENCE <i>RE</i> PUBLICATIONS</b>	<b>1966-1996</b>
	Arranged alphabetically by journal title or publisher.	
K.183, K.184	American Philosophical Society  Correspondence <i>re</i> publication of a biography of Henry Cavendish. Dainton's advice was asked on sources of funding.  2 folders.	1995
K.185	André Deutsch Ltd	1977
K.186	<i>Chemistry and Industry</i>	1976
	<i>Chemistry in Britain</i>	1987
	<i>Daedalus</i>	1987
	<i>Economist</i>	1988
K.187	<i>Interdisciplinary Science Reviews</i>	1989
K.188	<i>Reviews in Macromolecular Chemistry</i>	1966
K.189	Royal Society	1995

**Publications**

- |       |   |           |
|-------|---|-----------|
| K.190 | Royal Society of Chemistry  | 1989-1996 |
|       | Correspondence and papers <i>re</i> a history of the Faraday Society.     |           |
|       | 3 folders.  |           |
| K.193 | <i>Times Higher Educational Supplement</i>                                | 1978-1979 |
|       | Correspondence and background material <i>re</i> higher education issues. |           |

**SECTION L                      LECTURES                      L.1-L.362**

L.1-L.292A                      INVITATION AND PUBLIC LECTURES

L.293-L.351                      SPEECHES

L.352-L.362                      BACKGROUND MATERIAL

**L.1-L.292A                      INVITATION AND PUBLIC LECTURES                      1942-1997**

Lists of Dainton's lectures and a chronological sequence of material, principally notes and drafts, relating to his invitation and public lectures. The sequence includes lectures on his scientific research and non-technical lectures on libraries, higher education, medical research and education, scientific education and manpower and science policy: research and development.

Cross-reference should be made to the documentation of Dainton's visits and conferences in section M.

L.1                      Lists of Dainton's lectures covering the period 1954-1995.

L.2-L.3A                      'Animal and Chemical Population'. Contents of folder so inscribed: manuscript notes and drafts for lectures by Dainton, 1942-1945.

4 folders.

L.4                      'Chemical Effects of High Energy Radiation', 9 December 1946.

17pp manuscript draft.

L.5                      'Chemical Effects of High Energy Radiation', 11 February 1947.

5pp manuscript notes.

' "Radiation Chemistry" or "Some Chemical Effects of High Energy Rays" ', Oxford, 10 May 1947.

8pp manuscript notes found with notes for February 1947 lecture.

### Lectures

- L.6 'Free Atoms and Radicals in Water and Aqueous Solutions, University of Notre Dame, Indiana, USA, 24 June 1947.  
7pp manuscript notes.
- L.7 'Chemical Change induced by Nuclear Radiation', Cambridge University Chemical Society, 27 February 1948.  
8pp manuscript notes.  
  
'Chemical Change induced by Nuclear Radiation', Oxford University Alembic Club, 24 May 1948.  
6pp manuscript notes.
- L.8-L.11 'Lectures on Chain Reactions: RAE [Royal Aircraft Establishment] 1948 etc'. Contents of folder so inscribed divided into four for ease of reference: manuscript notes and drafts on chain reactions and thermal explosions including off-print of 1942 Dainton publication and notes for lecture at the Royal Military College of Science, Shrivenham, Wiltshire, 1948.
- L.12-L.14 Lectures on hydrocarbon oxidation, 1948.
- L.12 Military College of Science, Shrivenham, 9 April 1948.  
3pp manuscript notes.  
  
Royal Aircraft Establishment, Farnborough, Hampshire, 22 July 1948.  
6pp manuscript notes, brief correspondence, 1948.
- L.13 Various manuscript notes and drafts on hydrocarbon oxidation.
- L.14 Royal Aircraft Establishment, Farnborough, Report on chemical and physical-chemical work in the motor research institute of the L.F.A Völkenrode (Brunswick) by W.G. Parker and A. Poll, 1946.  
Found with manuscript notes at L.12 and L.13.

### Lectures

- L.15 'Rates, Heats and Entropies of Polymerisation', Toronto, Canada, 3 December 1949.  
5pp manuscript notes.  
  
'Polymerisation and Reversal, Liverpool, 9 November 1950.  
3pp manuscript notes found clipped together with notes for Toronto lecture.
- L.16 'Free Radicals in Aqueous Media', Summer School, 22 August 1950.  
2pp manuscript outline and 6pp manuscript draft.
- L.17 Tilden Lecture on 'Atoms and Radicals in Aqueous Media', Chemical Society, Burlington House, London, 15 February 1951 and University College, Hull, 1 March 1951.  
Off-print only.
- L.18 'N.D. Lecture' on 'Some Aspects of Radiation Chemistry of Water', 20 October 1952.  
4pp manuscript notes.  
  
'Radiation Chemistry', Chemistry Seminar, Princeton, USA, 3 November 1952.  
2pp manuscript notes.
- L.19 Shorter manuscript notes found clipped together for a number of lectures, 1952-1953.  
  
Topics include 'the instability of large free radicals', 'thermodynamics of polymerisation' and 'depolymerisation'.
- L.20 Shorter manuscript notes for lectures on radiation chemistry, March and August 1953.

### Lectures

- L.21 'Electron Transfer in Organic Compounds', Manchester College of Technology, 24 March 1953.  
3pp manuscript notes.
- L.22 'Radiation Chemistry', Paris, France, November 1953.  
Manuscript notes etc for lecture or lectures.  
  
Notice for lecture by Dainton on 'Thermodynamique et cinétique des polymérisations', Société de Chimie Physique, Paris, 9 November 1953.
- L.23 'Principles and Mechanisms in Electron Transfer', Chemistry Society, London, 4 February 1954.  
Manuscript notes of Dainton's 'Contribution to Symposium'; manuscript notes of discussion and manuscript notes on the literature, found clipped together.  
  
1p typescript headed 'Dates and Places of Lectures'. The untitled lecture was given at Dublin, Belfast, St Andrews and Leeds between December 1954 and February 1955.
- L.24 'Current Fact and Theories in Radiation Chemistry and their relevance (as judged by a chemist) to Radiobiological Problems', Third International Congress on Radiobiology, Cambridge, 15-17 August 1955.  
10pp manuscript draft.
- L.25 'Why Polymerisation Occurs', Oxford University Alembic Club, 28 November 1955.  
2pp manuscript notes.
- L.26 'Introduction to Radiation Chemistry', Salford Royal Technical College, 21 January 1958.  
1p typescript outline for lecture.

### Lectures

- L.27                    37th Silvanus Thompson Lecture on 'Radiation Chemistry in Retrospect and Prospect', British Institute of Radiology, 15 May 1958.
- 9pp manuscript notes.
- 22pp duplicated typescript with corrections in red ink + references, legends for figures and tables.
- Letter *re* lecture, 14 January 1959, with manuscript notes attached.
- L.28                    Faraday Society Informal Discussion, Leeds, September 1958.
- 3pp manuscript notes.
- L.29                    'Final Lecture of [?] Kinetics Course', 19 January 1959.
- 5pp manuscript notes.
- L.30, L.31            Lectures by Dainton as Arthur D. Little Visiting Professor of Chemistry, Massachusetts Institute of Chemistry, USA, February-March 1959.
- The lectures were given under the general heading of 'Some Topics in Reaction Kinetics'.
- 1p duplicated typescript course outline and manuscript notes for lectures.
- 2 folders.
- L.32                    'Some Aspects of Radiation Chemistry, American Chemical Society Western Connecticut Section, 14 April 1959.
- 3 pp manuscript notes.
- 'Radiation Chemistry of Organic Compounds, Brookhaven, New York, USA, 15 April 1959.
- 10pp manuscript notes + table, found clipped together with notes for American Chemical Society lecture.
- 1p manuscript notes found clipped together with American Chemical Society and Brookhaven lectures.

### Lectures

- L.33 'Radiation Chemistry of Polar Liquids', Chalk River, Ontario, Canada, 15 May 1959.  
2pp manuscript notes.  
  
'Chemical Effects of Radiations', International Congress of Radiation Research, Burlington, Vermont, USA, August 1959.  
5pp manuscript notes.
- L.34 'The reactivity of hydroxyl radicals in aqueous solution', ca 1959.  
4pp manuscript notes for lecture, n.d; off-print with same title from the *Transactions of the Faraday Society*, October 1959.  
  
4pp manuscript notes for lecture headed 'Pt I Reactions with H<sub>2</sub> and CO' n.d. but found with the preceding.
- L.35 Undated manuscript notes found with notes for lectures dated in 1959.  
  
Includes notes for lecture entitled 'Simplest Change, Atom and Molecule' for Cambridge Philosophical Society.
- L.36 'Why Polymerisation Occurs?', Canadian High Polymer Forum, September 1960.  
5pp manuscript notes.  
  
'Relation between Structure and Polymerisability', S.C.I. [Society of Chemical Industry], 25 November 1960.  
3pp manuscript notes.
- L.37 'Some recent and current researches in Radiation Chemistry of Water', Mt Vernon Hospital, 9 December 1960.  
5pp + 1p manuscript notes for Dainton's colloquium talk.  
  
Paginated and unpaginated sequences of manuscript notes found clipped to colloquium notes, 1p dated 14 November 1960.

### Lectures

- L.38 'Principles of Radiation Chemistry and the Possibilities of its Industrial Application', Belfast, 22 February 1961.  
2pp manuscript notes.
- L.39 'Oxidation in Aqueous Solution', Bristol University Chemical Society, 2 March 1961.  
3pp manuscript notes.
- L.40 'Photochlorination of Chlorinated Ethylenes', Cardiff, 28 March 1961.  
3pp manuscript notes; off-print of paper on photochlorination studies, 1962.
- L.41 Manuscript notes for lectures found clipped together, 1961  
Include:  
'Aspects of the Radiation Chem. of Water', Paris, France, 24 May 1961.  
'The Effect of Phase on Radiation Chemistry', Paris, France, 26 May 1961.  
'Radn Chemistry of Water: Exptl Status', Gordon Conference, 17 July 1961.
- L.41A 'A Sceptical Chemist's View of Inorganic Redox Reactions', General Electric, Schenectady, New York, USA, 24 July 1961.  
5pp manuscript notes.
- L.42 Baker Lectures on Radiation Chemistry and Some Problems in Reaction Kinetics and Mechanisms, Cornell University, Ithaca, New York, USA, Fall 1961. See also L.45 and D.23  
14pp duplicated typescript notes.  
5pp manuscript notes for second Baker Lecture on 'H-atom Abstraction reactions in Gas and Solutions', 28 September 1961.  
4pp manuscript notes for 'Baker Lecture - 6' on 'H atom and OH Radicals as Simplest Acids and Bases', October 1961.  
3pp manuscript notes for lecture on 'The Simplest Charge, Atom and Molecule'. Found with preceding.

### Lectures

- L.43 'Why Polymerization Occurs?', Akron Polymer Lecture Group, [?University of Akron], Ohio, USA, 3 November 1961.  
1p typescript abstract only.
- L.44 Figures for unidentified lecture or lectures found clipped together, one figure with reference to 1961.
- L.45-L.47 Contents of Dainton's folder inscribed on front cover 'New Horizons in Physical Chemistry': manuscript notes etc, for lectures, 1961-1962.
- L.45 7pp manuscript notes for first Baker Lecture, Cornell, Ithaca, New York, USA, 26 September 1961.  
  
3pp manuscript notes for Royal Institute of Chemistry Lecture, Leeds, 22 January 1962.  
  
4pp manuscript 'Outline of IUPAC Montreal Lecture', n.d.  
  
Letter *re* Dainton's IUPAC paper, 22 June 1961.
- L.46 Typescript notes for slides.  
  
3pp photocopy from printed source.
- L.47 Manuscript notes and graphs.
- L.48 'Some Aspects of Radiation Chemistry', Aberdeen, 14 March 1962.  
  
4pp manuscript notes.
- L.49 Boomer Memorial Lectures, University of Alberta, Calgary, Canada, May, 1962.  
  
10pp typescript notes.  
  
1p manuscript notes headed 'Alberta Lecture May 21 1962'.

### Lectures

- L.50 'Science and Government', University of Alberta, Canada, 28 May 1962.  
15pp typescript with manuscript additions.
- L.51 'Forms of H and OH in the Radiolysis of Aqueous Solutions', Royal Society, London, 7 June 1962.  
Typescript abstract, 4pp manuscript notes and lists of those invited to the lecture.  
Brief correspondence with Royal Society, 1962.
- L.52 Sadler Hall, [? University of Leeds], 4 November 1962.  
3pp manuscript notes on university expansion.
- L.53 American Chemical Society lecture, 18 February 1963.  
1p manuscript notes.  
General Electric, Schenectady, USA, 3 May 1963.  
3pp manuscript notes.
- L.54 'H-atoms and Electrons in Chemistry', Edinburgh, 21 February 1964.  
2pp manuscript notes.
- L.55 'The Simplest Chemical Reaction, Rome, Italy, 20 May 1964.  
2pp manuscript notes.
- L.56 'Kinetics and Mechanisms of Inorganic Redox Reactions', Hatfield College of Technology, Hertfordshire, 31 March 1965.  
5pp manuscript notes.  
4pp typescript 'Synopsis' dated 5 May 1965.

### Lectures

- L.57 'The Chemistry of the Electron', N. U. [? Nottingham University] Chemistry Society, 9 November 1965.  
2pp manuscript notes.
- L.58 'The Chemistry of the Electron', Institute of Nuclear Research, Warsaw, Poland, 7 May 1966.  
2pp manuscript 'Summary' of Dainton's lecture.  
  
Why Polymerisations Occurs', Lodz, Poland, 12 May 1966.  
2pp manuscript notes.
- L.59 'An Elementary Discussion of the Chemistry of the Electron', Institute of Cancer Research, 14 July 1966.  
2pp manuscript notes.
- L.60 Gomberg Centenary Lecture, 'The Simplest Free Radicals', University of Michigan Chemistry Department, Ann Arbor, USA, 22 August 1966.  
6pp manuscript notes.
- L.61 Introductory Lecture at Newcastle Symposium 'Radn Chemistry and Photochem', 21 September 1966.  
4pp manuscript notes.
- L.62 Sir Jesse Boot Lecture on 'Molecular Aggregation', University of Nottingham, 3 February 1967.  
9pp manuscript draft, list of guests for pre-lecture dinner etc.
- L.63 'The "Swing" as a Challenge to Scientific Education', BBC [Radio] Talk, May 1967.  
  
Published in the *Listener*.  
  
13pp typescript

### Lectures

- L.64 'Kinetics and Thermodynamics of Addition Polymerization', Prague, Czechoslovakia, June 1967.  
2pp typescript 'Summary' of lecture; manuscript notes etc, found therewith.  
  
'Electron Chemistry', Nobel Symposium, Stockholm, Sweden, 29 August 1967.  
3pp manuscript notes.
- L.65 'Science and Government', Nottingham Branch, Workers' Educational Association, 29 September 1967.  
29pp typescript draft with manuscript revision.
- L.66-L.68 'The Next Generation of Scientists and Technologists', Heriot-Watt University, Edinburgh, 14 November 1967.
- L.66 19pp manuscript draft.
- L.67 1p manuscript diagram and 2pp manuscript notes.
- L.68 Published version, May 1968.
- L.69 'Manpower Deployment', Anglo-American Colloquium, Villa Serbelloni, Bellagio, Italy, 18 March 1968.  
5pp manuscript notes for talk by Dainton; manuscript notes of talks by other speakers.
- L.70 'Organisation of Scientific Research', Italian-British Rectors' Meeting, Nottingham, 20 April 1968.  
15pp duplicated typescript.
- L.71 'Science, Government and Education', University of Stirling, 9 May 1968.  
29pp typescript including title page.

**Lectures**

- L.72, L.73 'Who will the future scientists be?', East Anglian Regional Advisory Council for Further Education Annual Conference, Brighton, 4 June 1968.
- L.72 12pp typescript draft.
- L.73 Published version in volume of conference addresses.
- L.74 'Higher Education for a Technological Age', North of England Education Conference, Sheffield, Yorkshire, 7 January 1969.  
7pp manuscript notes.
- L.75 'The Chemistry of the Electron', St Paul's School, Barnes, London, 14 October 1969.  
1p manuscript notes.
- L.76 'Education for the 70s. The Social Content of the Curriculum', Teach-in, Cambridge Union Society, 18 October 1969.  
18pp typescript draft.  
Manuscript notes on three index cards.
- L.77 'Universities and Industry, CBI North Midland Regional Council, Ragdale Hall, near Nottingham, 26 November 1969.  
2pp manuscript notes.
- L.78 'Science in the Universities: Salvation or Damnation: The Pursuit of Science and Human Curiosity', Sir Ludwig Mond Lecture, University of Manchester, 20 February 1970.  
29pp typescript initialled 'F.S.D' and dated 28 January 1970.
- L.79 'Shared Responsibility in Education', Conference of Dons and Beaks, Selwyn College, Cambridge, 3 April 1970  
15pp typescript.

### Lectures

- L.80, L.81 'The Tasks Ahead', The 1870 Education Act Centenary Commemorative Lectures, Central Hall, Westminster, 1 May 1970.
- L.80 18pp photocopied typescript.
- L.81 Published version.
- L.82 'Properties of trapped  $e^-$  in alk. aq. glasses', Marianske Lazne, Czechoslovakia, 23 June 1970.
- 7pp manuscript notes.
- Variouly titled sequences of manuscript notes found clipped to the preceding.
- L.82A 'Electrons in Viscous and Rigid Aqueous Media', G.E. [General Electric], 5 August 1970.
- 4pp manuscript notes.
- L.83 'Future scientists, what sort and how many', Cardiff, 23 October 1970.
- 4pp duplicated typescript ? *re* lecture which Dainton in fact was not able to deliver.
- L.84 'Unexpected traps for the electron', Leeds, 19 November 1970.
- 3pp manuscript notes.
- Talk on electron chemistry at Cambridge colloquium, 22 January 1971.
- 2pp manuscript notes.
- L.85 'Opportunities for Chemists', Essex Branch Royal Institute of Chemistry, Colchester, 11 March 1971.
- 2pp manuscript notes.

**Lectures**

- L.86                   Talk in Bodleian [Library] Curators Room, Oxford, 27 April 1971.  
  
One letter only, *re* arrangements, 1971.  
  
Talk to Aberdeen Chamber of Commerce, June 1971.  
  
Newspaper report only.
- L.87                   ‘Recent Developments in the Chemistry of the Electron’, Gordon Research  
Conference, New Hampton School, New Hampshire, USA, 12 July 1971.  
  
8pp manuscript notes.
- L.88                   ‘A New Probe for Motion and Heterogeneity in Liquids and Glasses’, G.E.  
[General Electric], USA, 20 July 1971.  
  
3pp manuscript notes.
- L.89                   ‘The Chemistry of the Electron’, University of Kent Chemical Society, 2  
November 1971.  
  
2pp manuscript notes.
- L.90                   ‘Science: Salvation or Damnation’, The Seventeenth Fawley Foundation  
Lecture, University of Southampton, 11 November 1971.  
  
Published version.  
  
Brief correspondence *re* arrangements; menu card.
- L.91                   ‘Scientific Research in Britain 1950-1984’, Royal Society of Edinburgh, 6  
December 1971.  
  
6pp manuscript notes
- L.92                   ‘How not to make science policy’, Ottawa, Canada, September 1972.  
  
2pp manuscript notes also used ‘Toronto 16/3/73’.

### Lectures

- L.93 'Future Patterns of R&D, Society of Chemical Industry, Liverpool, 14 December 1972.  
3pp manuscript notes.
- L.94 'How does ionising radiation cause chemical and biological damage?', Biophysics Colloquium, Zoology Department [?Oxford], 1 February 1973.  
5pp manuscript notes.
- L.95 Lectures in Japan, February 1973.  
Notices and manuscript and typescript outlines for lectures on 'Redox Reactions' and 'Why Polymerisation Occurs'.
- L.96 C.B. Purves Memorial Lecture, McGill University, Montreal, Quebec, Canada, 13 March 1973.  
The topic of Dainton's lecture was 'the enormous change, widespread in the Western World, in public attitudes to science'.  
1p manuscript notes; typescript draft paginated 3-33.
- L.97 'The Discipline of Chemistry in Education', Chemical Society, Education Division, 27 March 1973.  
8pp typescript draft.
- L.98 'Défie de la Société au Chimiste', Chemical Institute of Canada, Quebec, 1 June 1973.  
Two 8pp typescript drafts, one with introductory paragraphs in French.
- L.99 'Science and Society', Academie royale de Belgique, Brussels, Belgium, 24 October 1973.  
27pp typescript draft in English; 4pp duplicated typescript in Dutch; off-print in French.

### Lectures

- L.100 'The Organisation and Finance of Medical Research. An Overall View', Medical Research Society Symposium, Royal Postgraduate Medical School, London, 7 December 1973.  
3pp manuscript notes; 4pp photocopied typescript notes.
- L.101 'Role of Research in Universities', Civil Service College, Sunningdale, Berkshire, 31 January 1974.  
3pp manuscript notes.  
'Part-edited transcript' of Dainton's talk with covering letter from the Civil Service College, 1 November 1974.
- L.102 'To Young Scientists of America', Thomas Edison Foundation, Shenectady, New York, USA, February 1974.  
28pp duplicated typescript.
- L.103 Faraday Lecture on 'The Electron as a Chemical Entity', Chemical Society Annual Congress, London, 2 April 1974.  
Manuscript notes and published version.  
See also L.352-L.362.
- L.104 'Government, Scientific Research and Higher Education - The Uneasy Alliance', PCL [Physical Chemistry Laboratory], Oxford, 20 May 1974.  
3pp manuscript notes.
- L.105-L.110 'Research in Establishments of Higher Education in the United Kingdom. The Contemporary British Position', Bucharest, Romania, 1 June 1974.
- L.105 Title page with manuscript notes for introductory remarks; 15pp typescript + tables and figures.
- L.106-L.110 Contents of Dainton's folder inscribed 'Science Policy Slides & Diagrams' divided into five for ease of reference.

### Lectures

- L.106-L.109      Manuscript notes, background material etc.  
4 folders.
- L.110              Slides.
- L.111              'Science in a Democracy: Salvation or Damnation?', Aharon Katzir Memorial  
Lecture, Jerusalem, Israel, 10 June 1974.  
  
Published version. Israel Academy of Sciences and Humanities, Jerusalem  
1975.  
  
Letter commenting on the ideas discussed in Dainton's lecture, 7 November  
1975.
- L.112              'Scientific Research and the State: an uneasy alliance', Inaugural Meeting of  
the Division of the Biomedical Sciences of the Institute of Biology, London, 25  
June 1974.  
  
Notice of lecture only.
- L.113              'What are Science and Technology for Anyway?', Conference on Science  
and Engineering Education, University of Manchester Institute of Science and  
Technology, 17 July 1974.  
  
Photocopied typescript of Dainton's conference paper and the discussion  
which followed, sent to Dainton with covering letter, 11 April 1975.
- L.114              'Influential Factors in the Development of Chemistry in British Universities',  
Chemical Society Heads of University Chemistry Departments Meeting,  
London, 25 October 1974.  
  
6pp typescript draft for '15 min introductory talk by FSD'.
- L.115              Talk to 20 Graduate Administrators, Civil Service College, Sunningdale,  
Berkshire, 6 November 1974.  
  
2pp manuscript notes originally prepared for this occasion but with the date,  
25 September 1975, added later.

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### Lectures

- /... Contribution on 'policy for science' to Higher Executive Officer (Administration) Course, Civil Service College, 25 September 1975.  
Letter *re* arrangements, 10 September 1975 and 2pp manuscript notes which may relate to this occasion, found with notes for the November 1974 talk.
- L.116 'University Research: What for & Who Pays', St Johns [College, Oxford], 25 February 1975.  
3pp manuscript notes.  
  
'The Future of Universities', Oxford University Science Society, 28 February 1975.  
4pp manuscript notes.
- L.117 Untitled, Discussion Meeting, 14 August 1975.  
5pp manuscript notes.
- L.118 'Current UGC Policy on Funding of Research', Glasgow, 30 October 1975.  
2pp manuscript notes.
- L.119 'The University Grants Committee and the Future of Higher Education in Great Britain', Keele University, Staffordshire, 18 November 1975.  
22pp typescript with manuscript additions and corrections.
- L.120-L.122 Nuffield Science Lecture on 'Science and Survival', Oxford, 5 January 1976.
- L.120 24 pp typescript + legends and tables.
- L.121 Photocopied typescript with manuscript corrections, etc.
- L.122 Abstract, correspondence etc., 1974-1976.

### Lectures

- L.123 'What is Science for Anyway', Jesse Boot Lecture, Nottingham, 'Jan 76'.  
33pp photocopied typescript.
- L.124 Speech at the Annual Dinner of the Biochemical Society, University College London, 6 July 1976.  
11pp typescript with manuscript revision.  
Proof copy of published version.
- L.125, L.126 'Universities and the State: Securing Responsive and Responsible Academic Freedom', Eleventh Annual Conference of the Society for College and University Planning, Washington, D.C., USA, 23 July 1976.
- L.125 32pp typescript.
- L.126 Published version. In *The Past, Present and Future of American Higher Education*, Society for College and University Planning, 1978.
- L.127 'A "Skeptical Chymist's" Personal View of 25 years of British Science', Queen's Jubilee Lecture at Heriot-Watt University, Edinburgh, 9 November 1976.  
32pp photocopied typescript.
- L.128 'What is Science for Anyway?', W.C. Williams Memorial Lecture, University of Sheffield, 26 November 1976.  
44pp typescript with covering note dated 23 November 1976.
- L.129 'The University Grants Committee', Chartered Institute of Public Finance and Accountancy Seminar on Higher Education Finance, London, January 1977.  
17pp typescript; letter from organiser, 24 January 1977.

### Lectures

- L.130 'The Role of the UGC in Medical Education', Chairman's Address, Conference of the Association for the Study of Medical Education, 14 March 1977.  
17pp typescript; 4pp manuscript notes.
- L.131 'The Planning and Funding of Universities in the United Kingdom, Colloquium of Vice-Chancellors with the Presidents of Dutch University Boards at Bildersberg-Arnhem, The Netherlands, 17-19 March 1977.  
9pp typescript.
- L.132 'Manpower Market in the 1980s', Royal Institute of Chemistry Centenary Symposium, 29 March 1977.  
23pp typescript + illustrative material.  
Published version in *New Scientist*, 7 April 1977.
- L.133, L.134 'The Government Impact on the Universities', Conference of the International Council on the Future of the University, Toronto, Ontario, Canada, 29 August-1 September 1977.
- L.133 20pp typescript prepared for the Toronto conference and entitled 'Government and the Universities in Britain' with manuscript inscription 'corrected 5/8/77'.
- L.134 10pp duplicated typescript with manuscript additions and corrections 'The Government Impact on the Universities Admissions, Curriculum and Degree Requirements - The British Case'.
- L.135 'Coping with Change', address to 'Most promising young scientists', ICI Millbank, London, 20 September 1977.  
4pp photocopied typescript notes.
- L.136 'What is Science for, Anyway?', Uppsala University, Sweden, September 1977.  
34pp typescript of Dainton's address; notification of the award of an honorary degree to Dainton on 30 September 1977.

**Lectures**

- L.137, L.138      Presidential Address, Library Association, October 1977.
- L.137      24pp typescript with 1p manuscript insert, described by Dainton as 'the actual text' in a manuscript inscription on the first page dated 2 November 1977.  
  
Published version of Dainton's address.  
  
2pp manuscript notes.
- L.138      'The University Library in the Community', 14pp photocopied typescript of paper by the University Librarian, University of Bristol, sent to Dainton with covering letter, 13 June 1977, and kept by him with his Presidential Address.
- L.139      'Problems Facing Science Departments', Standing Conference of Professors of Physics, London, 18 November 1977.  
  
4pp manuscript notes; 5pp typescript notes; background material.
- L.140      'Do we get the Universities we deserve?', Athenaeum Ladies Night Dinner, London, 10 April 1978.  
  
8pp typescript notes.
- L.141      'The U.G.C.', Lecture to British Council Course 828, 12 April 1978.  
  
6pp typescript outline; hand drawn diagram of UK Higher Education System.
- L.142      'After Adult Literacy - Scientific Literacy?', Roscoe Lecture, University of Manchester, 22 April 1978.  
  
26pp typescript.
- L.143, L.144      'The Formulation of Scientific Policy', Civil Service College, Sunningdale, Berkshire, 29 June 1978.
- L.143      2pp manuscript and 2pp photocopied typescript 'outline of talk'; 5pp manuscript notes; illustrative material.

### Lectures

- L.144 Correspondence *re* arrangements and arising, June-July 1978; programme; course membership list and biographical notes on members.
- L.145 'The Research Foundations & the Universities', 1942 Club, St Catherine's College Oxford, 8 July 1978.  
  
2pp typescript notes.
- L.146, L.147 'Differentiation of Roles between Institutions of Higher Education', Vancouver, British Columbia, Canada, 21 August 1978.
- L.146 3pp manuscript 'talk summary', 1p typescript 'outline of talk'; 19pp typescript draft.
- L.147 Published version.
- L.148-L.151 'Do we get the universities we deserve?', University of Leeds, 11 December 1978.  
  
Contents of Dainton's Leeds lecture file: printed and duplicated background material, manuscript notes and correspondence, 1973-1979.  
  
4 folders.
- L.152 Talk on British Library to East Midlands Branch of the Library Association, Mansfield, Nottinghamshire, 13 February 1979.  
  
2pp manuscript introduction, photocopied typescript draft paginated 2-15 with manuscript revision and 1p manuscript conclusion.
- L.153 'Talk at Tokyo University', Japan, 5 October 1979.  
  
Dainton's talk covered both 'Securing a free but responsible university system' and 'A national library system'.  
  
3pp manuscript notes.

### Lectures

- L.154                      Crookshank Lecture on 'What is Science For - Anyway?', The Royal College of Radiologists, London, 15 May 1981.
- Typescript drafts paginated 1-9 and 21-23 + 2pp unpaginated typescript, published version and brief correspondence, 1981.
- L.155-L.158              The Rede Lecture 1981 on 'British Universities: Purposes, Problems and Pressures', University of Cambridge, 29 October 1981.
- L.155-L.157              Typescript drafts and proof copy.
- 3 folders.
- L.158                      Correspondence etc *re* lecture, 1980-1982.
- L.158A                    'What is science for – anyway?', British Museum (Natural History) Scientific Officers' Association, 12 November 1981.
- Notice of lecture; printed and duplicated background material.
- No drafts were found with this material but see L.128, L.136 and L.154 for lectures with the same title.
- L.159                      'Science and the State: The Uneasy Alliance', University of Calgary, Alberta, Canada, 9 February 1982.
- 26pp typescript.
- L.160                      'The British Library', University of British Columbia Library School, Vancouver, Canada, 11 February 1982.
- 1p manuscript notes.
- 'Effective Sharing of Resources, Library Conference, Vancouver, British Columbia, Canada, 12 February 1982.
- 6pp manuscript notes.

### Lectures

- L.161 Robert Maxwell-Pergamon Discourse at the Royal Institution, London, 19 March 1982.  
  
Illustrative material only.
- L.162 Address to the Wynkyn de Worde Society on 'Vital Spiral', Stationers' Hall, London, 25 November 1982.  
  
Published version.
- L.163 Address on Award of Curie Medal, Wroclaw, Poland, April 1983.  
  
5pp manuscript notes; 18pp photocopied typescript with manuscript corrections. See also A.533.
- L.164 Address at the Miller Conference on Radiation Chemistry, Hunfold, West Germany, 29 June 1983.  
  
3pp typescript in English and German; transparencies and manuscript notes on scientific work of N. Miller; letter *re* arrangements, 10 June 1983.
- L.165-L.173 'Universities and Industry: Creative Tension or Cosy Cohesion', Lord Stamp Memorial Lecture, University of London, 31 October 1983.
- L.165 21pp typescript draft; letter *re* arrangements, 18 April 1983.
- L.166 37pp typescript 'spoken version'.
- L.167-L.173 Background material.  
  
6 folders and 1 bundle.
- L.174-L.176 'Scientific Leadership', Oxford Centre for Management Studies, 16 November 1983.
- L.174 3pp typescript notes with manuscript additions; programme; brief correspondence *re* arrangements, October 1983.

**Lectures**

- L.175                    23pp typescript with manuscript inscription 'Transfer to 1983 lecture file'; 1p typescript appendix.
- L.176                    Photocopy, with covering letter, of 'Note of Comments by F.S. Dainton on "Engineering our Future" The Report of the Committee of Enquiry into the Engineering Profession Command 7794', Meeting of All Souls' Group, Rhodes House, Oxford, 1 March 1980.
- The 'Note of Comments' was found with Dainton's papers for the scientific leadership lecture.
- L.177-L.185            'Universities and the National Health Service', Rock Carling Lecture, University of Sheffield, 8 December 1983.
- Dainton, as a holder of the Rock Carling Fellowship, was required to review in a monograph the state of knowledge and activity in one of the fields in which Sir Ernest Rock Carling had been particularly interested. The arrangements provided that the monograph would be introduced by a public lecture given at a recognized medical teaching centre in the United Kingdom.
- L.177                    42pp typescript. Incomplete.
- L.178                    Contents of plastic folder: tables etc.
- L.179                    Précis; slide sheets etc.
- L.180                    Letter from Sir Patrick Nairne commenting on Dainton's draft Rock Carling Lecture, 8 April 1982.
- Correspondence *re* Rock Carling Lecture and Monograph, 1990-1995.
- L.181-L.184            Background material on the topic of universities and the National Health Service, 1972-1995.
- 4 folders.
- L.185                    *Reflections on the Universities and the National Health Services*, The Nuffield Provincial Hospitals Trust, 1983.
- Dainton's Rock Carling Fellowship Monograph.

### Lectures

- L.186                    Address to the Inaugural Meeting of the Oxford Branch of the British Association, 22 February 1984.  
  
12pp typescript.
- L.187                    'Knowledge in the Free Economy', Eighth Annual Conference and Annual General Meeting of UK Serials Group, Nottingham, 26 March 1985.  
  
14pp typescript with manuscript additions and corrections, conference programme, letter arising, 1 May 1985.
- L.188, L.189            Lectures given at Barnard College, New York, USA, March 1985 and n.d.
- L.188                    'Knowledge, Education and the Future', Public Lecture to Barnard College, March 1985.  
  
32pp typescript.
- L.189                    'Barnard Duet with BHD [Barbara Hazlitt Dainton] (Draft)'.  
  
14pp typescript with manuscript additions and corrections and illustrative material for lecture on the NHS. N.d. but papers found with typescript for 1985 lecture.
- L.190                    'The British Library: An International Cultural Asset', New York Public Library, USA, 19 June 1985.  
  
24pp typescript; background information *re* British Library and New York Public Library.  
  
Folder also includes copy of letter from Dainton for Maurice Line valedictory volume, 6 November 1987.  
  
The letter was found with the New York Public Library Lecture papers. Line was Director General (Science, Technology and Industry), British Library, 1985-1988.
- L.191, L.192            Address at the Opening of the Postgraduate Medical Education Centre Northern General Hospital, Sheffield, 27 September 1985.
- L.191                    16pp typescript with manuscript additions and corrections.

**Lectures**

- L.192 Programme, background material, correspondence, 1984-1985.
- L.193-L.199A 'Opening Remarks "Objectives" to ESRC [Economic and Social Research Council] Policy Agenda Conference', Wiston House, Steyning, West Sussex, 7-9 February 1986.
- L.193-L.199 Contents of Dainton's folder inscribed '7 February 1986'.
- L.193-L.198 Typescript draft of Dainton's remarks; programme; list of delegates; papers by other speakers; printed and duplicated background material, etc.  
  
6 folders.
- L.199 Typescript and manuscript notes and drafts for talks and lectures by Dainton on science policy and related topics, 1974, 1980 and n.d  
  
Found with ESRC conference material.
- L.199A Typescript of 'Opening Remarks' for ESRC Newsletter.
- L.200 'Universities, Medical Research and the NHS', Nuffield Department of Orthopaedic Surgery, University of Oxford, 15 March 1986.  
  
Lecture programme booklet for Nuffield Department course; typescript draft paginated 2-18.
- L.201 'Universities Observed: Retrospect and Prospect', Sixth Convocation Lecture, University of Newcastle upon Tyne, 12 April 1986.  
  
17pp typescript; dinner menu; brief correspondence arising, 1986, 1987.
- L.202-L.204 Seminar on Science and Technology, [?Oxford] Trinity Term, 2 June 1986.
- L.202 First page only of Dainton's paper.
- L.203, L.204 Slides.  
  
2 folders.

### Lectures

- L.205-L.207 'A Conservation Crisis', Keynote address at National Preservation Advisory Committee's first national seminar, 'The Conservation Crisis: Our Achilles' Heel?', Loughborough University of Technology, 16 July 1986.
- L.205 Correspondence *re* arrangements, conference programme, abstracts of speakers etc.
- L.206 18pp typescript draft with manuscript additions and corrections. Incomplete.
- L.207 17pp photocopied typescript +1p illustration, with covering letter 5 February 1987.
- L.208, L.209 'Knowledge is our Destiny and Education is the Tool', Third Edward Boyle Memorial Lecture, Royal Society of Arts, London, 14 January 1987.
- L.208 35pp typescript.
- L.209 Correspondence, 1986-1987 including letters of congratulation; off-print of lecture.
- L.210-L.224 'Knowledge is power: but how can we find what we need', First British Library Dainton Lecture, Royal Society, London, 30 March 1987.
- L.210 30pp typescript + illustrative material, etc; letter arising, 31 March 1987.
- L.211 Correspondence *re* arrangements for Dainton lecture, 1986-1987.
- L.212-L.224 Manuscript notes, duplicated and printed papers found with the arrangements correspondence in Dainton's box folder inscribed 'Longman's Dainton BL Lecture 30/3/87'.  
  
Include papers *re* British Association for the Advancement of Science one-day conference on 'Making Knowledge Pay', 26 September 1985.  
  
13 folders.

### Lectures

- L.225                    Lecture on conservation issues, British Council Course, Hughes Hall, Cambridge, 6 April 1987.  
  
18pp manuscript and typescript draft + illustrative material.
- L.226                    'Knowledge is our Destiny: Education its tool', Gray-Hartley Lecture, University of Manchester, 2 July 1987.  
  
53pp typescript.
- L.227                    'Setting the Scene', Opening Address to the British Council Conference on 'The role of careers counselling and placement in higher education', Wadham College Oxford, 24 August 1987.  
  
22p typescript; programme.
- L.228, L.229            'Universities, Research and Health Care: A Century of Change', John Snow Lecture, Association of Anaesthetists, 10 September 1987.  
  
74pp typescript.  
  
2 folders.
- L.230-L.232            'Education for a Revolution: from steam power to brain power', keynote address IBM conference on 'Science and Imagination', London, 24/25 March 1988.
- L.230                    25pp typescript; off-print.
- L.231                    Correspondence with organisers, 1988-1989.
- L.232                    Agenda, attendance list; biographical notes on speakers and abstracts, etc.
- L.233-L.235            'Why Polymerisation Occurs?', Chemistry Colloquium, Chemistry Department, Ruhr-Universität, Bochum, West Germany, 19 May 1988.
- L.233                    Notice of lecture; 1p manuscript outline; 3pp manuscript notes; 1p typescript introductory remarks in German; slide sheets.

### Lectures

- L.234 Printed and duplicated background material.
- L.235 Slides.
- L.236-L.244 'The British Knowledge Industry: Nationalised, Privatised or Hybrid?', The Radcliffe Lecture, Oxford, 13 October 1988.  
  
Contents of Dainton's box folder inscribed 'Radcliffe Lecture 13 Oct 1988': draft, correspondence, manuscript notes and background papers, etc.
- L.236 26pp typescript draft, etc.
- L.237 Correspondence *re* Radcliffe Lecture, 1988-1990.
- L.238-L.244 Manuscript notes, correspondence, duplicated and printed background material.  
  
Include correspondence and papers *re* British Association for the Advancement of Science Conference on 'Managing Science in a Steady State', 1988.  
  
6 folders and 1 bundle.
- L.245 'Science and the Humanities: A False Dichotomy', Monash University, Victoria, Australia, 7 November 1988.  
  
Title page for Monash lecture; typescript drafts and manuscript notes etc.
- L.246 'Information, Knowledge and Wisdom: The Role of the British Library', Chemical Information Group of the Royal Society of Chemistry, 15 February 1989.  
  
4pp typescript; short summary for Newsletter publication; background printed material; brief correspondence, 1988-1989.
- L.247-L.252 'The British Library: A Temple and a Warehouse of Knowledge', Friday Evening Discourse at the Royal Institution, London, 17 February 1989.

### Lectures

- L.247                    26 typescript; 1p typescript of first page of talk on the same topic to the Oxford Centre for Postgraduate Hebrew Studies (see L.266, L.267), found clipped together with the Royal Institution talk.
- L.248                    Correspondence *re* arrangements and arising, 1988-1989.  
  
Correspondents include J.M. Thomas, Director of the Royal Institution.
- L.249                    Correspondence *re* Royal Institution Lecture and one with the same title for the Highgate Scientific and Literary Society on 7 November 1989. 1988-1989.  
  
Correspondents include Colin St John Wilson, architect of the new British Library building.
- L.250, L.251            Duplicated and printed background material.  
  
2 folders.
- L.252                    Photographic slides.
- L.253                    'Knowledge is our Destiny and Education is its Tool', Lee Kuan Yew Lecture, Singapore, July 1989.  
  
28pp typescript draft for Dainton's Lee Kuan Yew Lecture, 'July 1989, Singapore'.  
  
4pp typescript 'Introduction for Lord Dainton, LKY Visitor, on 31 August 1989'.
- L.254                    'Are some science policy issues inevitable, irresolvable and permanent?', British Association Annual Meeting Section F Economics, Sheffield, 12 September 1989.  
  
4pp manuscript notes; 25 typescript draft + figures; summary etc.
- L.255-L.257            Lectures at Twentieth Anniversary of Chemistry Faculty, Ruhr Universität, Bochum, West Germany, 20 October 1989.

### Lectures

- L.255, L.256            Typescript drafts in English and German.  
2 folders.
- L.257                    Correspondence, programme etc., 1989.
- L.258, L.259            'A Scientist looks at Poetry', Royal Society of Edinburgh Conference on  
'Creativity and Discovery in the Arts and Sciences', University of Glasgow, 23  
May 1990.
- L.258                    9pp typescript; programme; correspondence arising.
- L.259                    Papers for Royal Institution occasion found with Dainton's papers for  
Glasgow:  
  
2pp manuscript notes + 1p photocopy for introduction to Royal Institution  
Discourse by J.M. Thomas on 'The Poetry of Science'  
  
Copy of Thomas's discourse as prepared for publication.
- L.260                    Chairman's remarks at a session on school science, British Association, 22  
August 1990.  
  
11pp typescript; 2pp manuscript notes; background material.
- L.261                    'Knowledge (= Science) is our Destiny', Oxford Centre for Management  
Studies Association Silver Jubilee Seminar, Templeton College, Oxford, 26  
October 1990.  
  
25pp typescript; 1p manuscript notes; programme etc.
- L.262                    'Leadership', Oxford Strategic Leadership Programme, Templeton College,  
Oxford, 6 November 1990.  
  
10pp typescript + illustrative material; programme; list of participants, etc.

**Lectures**

- L.263 'Science and Government: The UK Experience', Address to the American Association for the Advancement of Science, Washington DC, USA, 16 February 1991.  
  
12pp typescript, etc; brief correspondence, March 1991
- L.264 Speech at the Presentation of Certificates and Dinner on the Occasion of the Graduation of Imperial College Students on the Four year Dainton Course in Electrical and Mechanical Engineering, London, 20 March 1991.  
  
4pp typescript notes, programme, letter of thanks, etc.
- L.265 Address to the IBM conference 'Science Revisited', Regents College, London, 21 March 1991.  
  
12pp typescript + 2pp illustrative material; manuscript notes; brief correspondence, 1991.
- L.266, L.267 'The British Library: Temple and Warehouse of Knowledge', Oxford Centre for Postgraduate Hebrew Studies, 28 March 1991.
- L.266 15pp typescript.
- L.267 7pp typescript draft titled 'The Hebrew Collection of the British Library' + 4pp typescript titled 'Slides of Hebrew Manuscripts'.  
  
9pp typescript draft titled 'The Hebrew Collection of the British Library' + 7pp typescript titled 'Slides of Hebrew Manuscripts'.
- L.268 Talk to British Council Course, Worcester College Oxford, 19 August 1991.  
  
3pp manuscript notes.
- L.269 'Science and Government: the inevitable but uneasy interface', Annual Conference of the Agricultural and Food Research Council, 7 October 1991.  
  
18pp typescript; letter of thanks, 18 October 1991.
- L.270-L.272 'The British Library: International Warehouse and Temple of Knowledge', University of Newcastle upon Tyne, 14 November 1991.

### Lectures

- L.270                    20pp typescript + 4pp typescript.
- L.271                    Correspondence *re* arrangements; notice of lecture etc.
- L.272                    Slides.
- L.273                    'State of our Universities', Reform Club, London, 19 February 1992.  
  
5pp manuscript notes for talk + 2pp manuscript reference material; brief correspondence, 1991-1992.
- L.274, L.275            'Distinctive Roles and Common Purposes. The Contributions of Science, Business and Government to Economic Progress', Edinburgh International Science Festival (under the auspices of the Royal Society and the Royal Society of Edinburgh), 7 April 1992.
- L.274                    18pp typescript + slides.
- L.275                    Programme; list of participants; brief correspondence, March, April 1992.
- L.276                    'British Higher Education: Past, Present and Possible', Paper at Seminar to mark the 25th anniversary of the Scientific Exchange Agreement between the University of Strathclyde and the Technical University of Lodz, Poland, University of Strathclyde, Glasgow, 8 April 1992.  
  
12pp typescript with manuscript additions and corrections; manuscript notes; programme; list of those attending seminar.
- L.277, L.278            'The State and the Care of the Sick', Inaugural Lord Mayor's Lecture at St Thomas' Hospital, London, 20 July 1992.
- L.277                    19pp typescript.
- L.278                    Programme; background material; correspondence including letters of appreciation.

### Lectures

- L.279                    Introductory talk to discussion on the theme ‘ “Do we know our place in the world?” (UK’s Position in Systematic Biology and Diversity)’, Foundation for Science and Technology meeting, Royal Society, London, 25 November 1992.
- 10pp typescript + figures; programme; list of those attending etc.
- L.280                    Lecture on ‘Partners in Progress: Business, Education, Government & Science’, given at the Universities of Oxford, Hull and Warwick, 1992.
- 28pp photocopied typescript + tables and figures.
- L.281                    BBC Television broadcast, January 1993.
- Correspondence and manuscript notes *re* Dainton’s contribution to a BBC2 television programme on the two cultures, 1992-1993.
- L.282                    ‘Setting the scene for science’, Firth Memorial Lecture to the Forensic Science Society, 5 November 1993.
- Published version of lecture; programme; correspondence *re* arrangements and arising, 1993-1994; etc.
- L.283-L.285            ‘Science and the State: The Uneasy but Necessary Alliance’, Jayne Lecture, American Philosophical Society, Philadelphia, Pennsylvania, USA, 29 March 1995.
- L.283                    1p manuscript notes; 17pp typescript + illustrative material.
- L.284                    Correspondence, 1995, 1997.
- L.285                    Proof copy of published version; off-print; background material.
- L.286                    Talk to Independent Schools Science Teachers, Wycliffe College, Stonehouse, Gloucestershire, 22 March 1996.
- 3pp manuscript notes.
- Correspondence with Wycliffe College, 1993-1996.

### Lectures

- L.287 'Tales from a Rebellious Chemist's Life', Chemistry Society, Hills Road Sixth Form College, Cambridge, 24 September 1996.  
  
2pp manuscript notes for Cambridge talk; 2pp manuscript notes for talk on a similar topic at Wycliffe College in 1993; 1p untitled manuscript notes.  
  
Correspondence *re* arrangements for Cambridge talk, 1995-1996.
- L.288 'Knowledge is power, but who is to pay?', Memorial Lecture on the occasion of the Celebration of the Angela and Tony Fish Bequest, Royal Institution, London, 9 October 1996.  
  
2pp typescript introduction; 16pp typescript with manuscript revision (adapted from Dainton's Jayne Lecture, L.283-L.285); notice of lecture.
- L.289 'Reactions of Cl and COCl radicals', n.d.  
  
8pp manuscript notes.  
  
'Glasses as a probe for the study of fast reactions', n.d.  
  
2pp manuscript notes.  
  
'Has scientist a special responsibility?'  
  
1p manuscript notes.
- L.290 'Talk at Harwell', n.d.  
  
4pp manuscript notes.
- L.291 'Reflections on HE at Home and Overseas', n.d.  
  
11pp manuscript notes, etc.
- L.292 'Principles and Mechanisms in Electron Transfers', n.d.  
  
4pp manuscript notes.

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**Lectures**

L.300, L.301	1967. 2 folders.
L.302	1968.
L.303	1969.
L.304-L.308	N.d. [1960s]. 5 folders. Include large number of speeches by Dainton as Vice-Chancellor of the University of Nottingham.
L.309, L.310	1970 2 folders.
L.311	1971-1972.
L.312	1973-1974.
L.313	1975.
L.314	1976-1977.
L.315	1978-1979.
L.316	N.d [1970s].
L.317	1980.

**Lectures**

L.318	1981.
L.319	1982.
L.320	1983.
L.321, L.322	1984. 2 folders.
L.323	1985.
L.324-L.327	1986. 4 folders.
L.328	1987.
L.329	1988-1989.
L.330	1991-1992.
L.331	1993,1997.
L.332, L.333	N.d. 2 folders.
L.334-L.342	Notes and drafts for school speech days, kept together by Dainton, 1951-1997, n.d.  Includes notes for speeches on small format paper or cards.

**Lectures**

L.334	1951, 1962-1965.
L.335	1966-1967.
L.336	1966-1967.
L.337	1968-1969.
L.338	1970-1972.
L.339	1977, 1980.
L.340	1983, 1984.
L.341	1985, 1992, 1997.
L.342	N.d.
L.343-L.351	Notes and drafts for speeches at a number of university occasions, kept together by Dainton, 1962-1990, n.d.  Includes a number of Dainton's addresses on behalf of honorary graduates, his farewell address as Vice Chancellor of Nottingham University (L.344) and an address at an MRC occasion with later correspondence attached (L.347).
L.343	1962, 1966.
L.344	1970.
L.345	1971-1973.

**Lectures**

L.346 1976.

L.347 1977, 1996.

L.348 1979.

L.349 1981.

L.350 1990.

L.351 N.d.

**L.352-L.362**

**BACKGROUND MATERIAL**

**1966-1973**

L.352-L.362

'Chem of e<sup>-</sup> for Faraday Lecture'. Contents of folder so labelled divided into eleven for ease of reference: off-prints, some annotated by Dainton, 1966-1973.

A little correspondence, 1971, is at L.353.

Dainton delivered the Faraday Lecture at the Annual Congress of the Chemical Society, 2 April 1974. See L.103.

**SECTION M**

**VISITS AND CONFERENCES**

**M.1-M.183**

This section presents some of Dainton's visits made and conferences attended 1946-1997. On many of his visits abroad Dainton was accompanied by his wife Barbara, who often made independent trips on her own during the visits. Dainton combined his attendance at conferences, discussions with colleagues, lecturing and professional engagements with sight-seeing and this is reflected in the material.

See Section L, Lectures, for further documentation of lectures and addresses given by Dainton.

- M.1-M.8                      Visit to Canada and the USA, 23 June-28 September 1946.
- Dainton visited colleagues at Chalk River, Toronto, Montreal and Ottawa in Canada, and Detroit, Toledo, New York, Pittsburgh, Harvard, Princeton, Notre-Dame, Massachusetts Institute of Technology, in the USA.
- M.1                              Correspondence *re* arrangements.
- M.2                              Printed and duplicated papers *re* travel arrangements.
- M.3                              Itineraries.
- M.4                              Diaries with observations on daily routine, life in America and brief mention of encounters with colleagues.
- M.5                              Correspondence with students and colleagues at home, including one from Dainton to the Master of St Catharine's College, Cambridge discussing his appointment to a lectureship.
- M.6                              Undated newspaper cuttings and photographs.
- M.7, M.8                      Memorabilia.
- 2 folders.

### Visits and conferences

- M.9 Visit to the USA, June 1947.
- Newspaper cutting, photograph of Dainton attending the Symposium on Radiation and Photochemistry at the University of Notre Dame, USA, 25 June 1947.
- M.10-M.14 Visit to Canada and the USA, 23 November-30 December 1949.
- Dainton was invited to give a lecture at the opening of the new chemical laboratory at the University of Toronto (the Wallberg Memorial Building) in December. He also visited and lectured at Chalk River, Ottawa, Kingston, Harvard, Princeton, New York.
- M.10 Correspondence *re* arrangements including a letter from British colleague requesting supply of beryllium foil from USA.
- M.11 Itinerary and lecture programme.
- Lectures delivered include 'Ionic and free radical polymerization', 'An unusual chain reaction', 'Some thermodynamic properties of phosphorus', 'Elementary radiation chemistry', 'Advanced radiation chemistry' and 'Rates, heats and entropies of polymerization.'
- M.12 University of Toronto Chemistry Department's programmes of events and publications.
- M.13 Personal correspondence.
- M.14 Miscellaneous material including manuscript notes.
- M.15-M.18 Visit to the USA, October-November 1952.
- Dainton visited colleagues and lectured at Notre Dame, Oak Ridge National Laboratory, Princeton and Harvard. At Notre Dame he gave a radio interview.
- Lectures included 'Some aspects of radiation chemistry', 'Kinetics and thermodynamics in polymerisation', 'Electron transfer reactions in water', 'Radiation chemistry', and 'Ionic polymerization'.

### Visits and conferences

- M.15 Printed university bulletins announcing Dainton's lectures.
- M.16 Printed questionnaire with Dainton's manuscript annotations for a radio interview at Notre Dame on 'Dateline Notre Dame'.
- M.17 Undated photographs of Dainton and colleagues.
- M.18 Memorabilia.
- M.19 Visit to the USA, July 1956.  
Dainton visited Colby Junior College, New London, New Hampshire.  
One letter only from Dainton to his wife.
- M.20-M.24 Visit to the USA, January-May 1959  
Dainton was Arthur D. Little Visiting Professor at the Massachusetts Institute of Technology. During his period in the USA, he also visited Stanford University and the GE Laboratory, Schenectady. He also visited McGill University in Canada.  
Dainton was accompanied by his family.
- M.20 Diary kept by Barbara Dainton, including newspaper cuttings and account of daily routine mentioning Dainton's activities.
- M.21 Diary kept by Mary Dainton (elder daughter) commenting on the Atlantic crossing and sightseeing in the USA and Canada.
- M.22 Personal correspondence to John Dainton (son) and Barbara Dainton.
- M.23 Family photographs of Dainton and holiday snapshots.
- M.24 Memorabilia including maps.

### Visits and conferences

- M.25-M.28 Visit to New Zealand and Australia, 19 July-12 September 1959.
- Dainton visited colleagues and gave lectures in New Zealand (Auckland, Christ Church, Wellington) and Australia (Melbourne, Hobart, Brisbane, Perth).
- M.25 Diary.
- Entries include notes on lectures, colleagues visited and their research, daily routine.
- Also includes entries for later visits to the USA, Canada and Australia from 8 July to 21 September 1968 (M.39-M.47).
- M.26 Personal correspondence.
- M.27 Newspaper cuttings.
- M.28 Memorabilia and maps.
- M.28A, M.29 Second International Congress of Radiation Research, Harrogate, Yorkshire, 5-11 August 1962.
- M.28A List of Congress members; dinner menu and programme for Honorary Degree Congregation, University of Leeds.
- The University of Leeds awarded Honorary Degrees to four members of the Congress. Dainton presented A. Hollaender and R. Latarjet at the ceremony.
- M.29 Newspaper cuttings.
- M.30-M.33 Visit to Poland, 5-14 May 1966.
- Dainton visited colleagues and lectured.
- M.30 Correspondence *re* arrangements; itinerary.

### Visits and conferences

- M.31 Summary of Dainton's lecture 'The chemistry of electrons' given at the Institute of Nuclear Research, 7 May 1966.
- M.32 Diary/scrapbook kept by Barbara Dainton including itineraries and programmes, newspaper cuttings, dinner menus and letters.
- M.33 Memorabilia.
- M.34, M.35 Annual Meeting of the British Association for the Advancement of Science, Nottingham, 31 August-7 September 1966.
- M.34 Correspondence *re* arrangements for the opening ceremony and the conferment of Honorary Doctorate on Harold Wilson, the Prime Minister; letters of thanks to colleagues.
- M.35 Manuscript notes for Dainton's 'Reply to toast of Guests' at dinner; programmes; guest list.
- M.36-M.38 Visit to Prague, Czechoslovakia, 17-21 June 1967.  
Visit to colleagues and lectures.
- M.36 Summary of lectures: 'The chemistry of the electron' and 'Kinetics and thermodynamics of addition polymerization'.
- M.37 Diary with entries on sightseeing in Prague and student conditions.
- M.38 Memorabilia.
- M.39-M.47 Visit to Canada, Australia and (?) South Africa, August-September 1968.  
Dainton visited colleagues in Canada and Australia. He attended the 10th Commonwealth Universities Congress in Canberra 15-17 August 1968 and gave the following lectures: 'Science, education and government', 'The next generation of scientists and technologists' and 'The chemistry of the electron'. A visit to New Zealand was cancelled at the last minute.

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**Visits and conferences**

- /... Barbara Dainton visited South Africa but it is not clear whether this formed part of Dainton's 'tour' or whether she travelled there independently.
- M.39 Correspondence *re* arrangements.
- M.40 Itinerary and Congress programme, dinner invitations and photographs.
- M.41 Barbara Dainton's material including a programme of the Congress' Ladies' programme and typescript notes on the Department of Zoology of the University of Western Australia.
- M.42 Papers *re* Barbara Dainton's visit to South Africa including memorabilia.
- M.43 Personal correspondence, mainly from Barbara Dainton.
- M.44 University, library and government brochures.
- M.45 Newspaper cuttings.
- M.46 Memorabilia from Australia.
- M.47 Memorabilia from Canada.
- M.48-M.50 English Speaking Union Study Tour Conference, New York, USA, 25 October-6 November 1969.
- M.48 Correspondence *re* arrangements.
- M.49 Printed programme, list of participants and newspaper articles.
- M.50 Diary discussing visits and lectures of colleagues.

**Visits and conferences**

- M.51                      Natural Environment Research Council Conference, Cambridge, 18 September 1971.  
  
Lecture notes.
- M.52                      Visit to Canada, 31 August-7 September 1972.  
  
Dainton visited colleagues and lectured in Ottawa.  
  
Two letters of Barbara Dainton's recounting her and her husband's daily activities.
- M.53-M.61                Anglo-American conference, Airlie, Virginia, USA, 8 -10 September 1972.  
  
Dainton lectured on 'Significant new departures in higher education'. He was accompanied by his wife who made visits and gave an interview.
- M.53                      Programme and biographical sketches of the conference's participants.
- M.54                      Programme of Barbara Dainton's visits and interview and correspondence *re* arrangements.
- M.55                      Copy of a lecture by Martin Throw 'Areas in British and American higher education that require fresh study or increased attention' used as background information by Dainton.
- M.56                      Personal correspondence.
- M.57, M.58                Printed material on zoology.  
  
2 folders.
- M.59                      Course material in natural history, autumn 1972.
- M.60                      Newspaper cuttings.

**Visits and conferences**

- M.61                      Memorabilia.
- M.62                      Management, Technology and Society Conference, London, 17 October 1972.  
  
Dainton lectured on 'Science, growth and society.'  
  
Typescript of Dainton's lecture.
- M.63-M.69                Visit to Egypt, 22 December 1972-3 January 1973.  
  
Dainton visited Cairo to meet colleagues and Egyptian government officials.
- M.63                      Papers *re* arrangements.
- M.64                      Diary with comments on Dainton's visits and meetings, conditions of laboratories and universities, Egyptian food.
- M.65                      Personal correspondence with Barbara Dainton.
- M.66, M.67                Background material and newspaper cuttings.  
  
2 folders.
- M.68, M.69                Memorabilia.  
  
2 folders.
- M.70-M.75                Visit to Japan, 16 February-3 March 1973.  
  
Dainton visited Japan for discussions with government, university officials and scientists on science policy, relations between higher education and the government, national library and information systems.  
  
He also gave the following lectures: 'Excited free radicals, 'Why polymerization occurs', 'The chemistry of the electron', 'Diffusion controlled reactions', 'Science: salvation or damnation.'

### Visits and conferences

- M.70 Correspondence *re* arrangements. Also includes a 1996 letter requesting a copy of a British Council publication on Japan.
- M.71 Itinerary, programme of visits and list of participants.
- M.72 Notes and lecture outlines on the British Library and the Japanese educational system.
- M.73 Notes and lecture outlines of the lectures 'Redox reaction' and 'Activated radicals in photochlorination'. Poster in Japanese announcing the lecture 'Redox reaction'.
- M.74 Diary with extensive entries on Japanese life style, landscape, educational bodies, student life and laboratory facilities. Also includes a duplicated typescript report of Dainton's visit to Japan.
- M.75 Miscellaneous documents relating to travel.
- M.76, M.77 Visit to McGill University, Montreal, Canada, 13-14 March 1973.  
  
Dainton was invited to give the Clifford B. Purves Lectures in Chemistry. He spoke on 'Science: man's salvation or damnation?' and 'The chemistry of the electron.'
- M.76 Printed material announcing Dainton's lectures and guest list.
- M.77 Newspaper cuttings.
- M.78-M.81 International Scientific Symposium, University of Nottingham, 18-23 September 1975.  
  
Dainton chaired the specialist section session on 'Man and his Environment.'
- M.78 Programme of the symposium and dinner menu.

### Visits and conferences

- M.79 Dainton's lecture notes for the final session of the specialist section and summary of other colleague's papers.
- M.80, M.81 Background information, newspaper cuttings and articles.  
2 folders.
- M.82, M.83 Conference of Council for Science and Society on 'Policy and Decision making in a High Technology Society', Chelwood Gate, Sussex, 8-10 December 1978.
- M.82 Programme and list of participants.
- M.83 Dainton's notes (survey of the conference) and colleagues' papers.
- M.84-M.88 Visit to Japan and Korea, 24 September-17 October 1979  
Visit to government officials, cultural exchange bodies and the British Council in Tokyo and Kyoto.  
Dainton lectured on 'Serving a free but responsible university system'.
- M.84 Correspondence *re* arrangements and letters of thanks.
- M.85 Itinerary.
- M.86 Miscellaneous travel papers, memorabilia, notes etc.
- M.87 Diaries kept by Barbara Dainton (but including notes by Dainton) with entries on sightseeing, daily activities and meetings.
- M.88 Newspaper cuttings.

### Visits and conferences

- M.89-M.91            Visit to South Korea, 10-17 October 1979.
- Dainton visited educational establishments, libraries and science institutes in Seoul, Kyungjoo, Ulsan and Kimpo.
- M.89                    Correspondence *re* arrangements.
- Also includes a letter on the teaching of the Korean language in British universities.
- M.90                    Itinerary (annotated) and typed notes on the British Library and Korea.
- M.91                    Collection of printed university brochures and statistical sheets.
- M.92                    Visit to Vancouver, Canada, (?)April 1980.
- Correspondence and papers *re* arrangements; information on Canadian universities' chemistry studies and facilities and library facilities.
- M.93, M.94            1st Asian and Pacific Chemistry Congress, Singapore, 26 April-1 May 1981.
- Dainton gave a lecture as part of Symposium III (Analytical Chemistry).
- M.93                    Programme and invitations.
- M.94                    Letter from Barbara Dainton and photographs.
- M.95, M.96            150th Anniversary of the British Association for Advancement of Science, York, September 1981.
- M.95                    Programme of the opening ceremony at York Minster and typescript notes.
- M.96                    Typescripts of lectures including 'What is science-anyway?' by Dainton (2 versions), 'Epilogue' (2 annotated copies), and presidential address 'Science and Everyman'.

### Visits and conferences

- M.97-M.107            Hong Kong, China and USSR, 5 April-3 May 1982.
- Dainton and his wife met academic colleagues, and visited science institutes, libraries and education institutions. He gave several lectures including 'Problems of science policy'.
- M.97                    Correspondence and papers *re* arrangements.
- M.98                    Itinerary.
- M.99                    Dinner invitations and menus etc.
- M.100                  Dainton's manuscript and typescript diary commenting on daily visits, colleagues met, impressions of the country and Barbara Dainton's diary reporting on daily visits and giving descriptions of the landscape.
- M.101                  Lecture material and background information on science.
- M.102                  Lecture material and background information on libraries and science policy.
- M.103                  Manuscript notes and report on visits to the Chinese Institutes of Cell Biology, Organic Chemistry, Photographic Chemistry and Chemistry.
- M.104                  Other reports on visits to China, including those of C.H. Bamford and Mary Truter, used as background material.
- M.105                  Library and university information from China and the USSR.
- M.106                  Newspaper cuttings etc.
- M.107                  Other memorabilia.

### Visits and conferences

- M.108-M.111 Seminar on Research into Nuclear Power Development Policies in Britain, Abingdon, Berkshire, 2-3 June 1982.
- Dainton chaired the session II seminar on 'Planning approaches to the UK nuclear programme.'
- M.108 Correspondence *re* arrangements.
- M.109 Programme and list of participants.
- M.110 Colleagues' lecture transcripts.
- M.111 Industry brochures.
- M.112-M.119 Poland, 4-11 April 1983.
- Dainton visited colleagues in science institutes and libraries in Poland. During the visit he was awarded the Curie Medal (see A.533 for photograph) for which he gave an address and also attended the Polish Radiation Research Society Conference.
- M.112 Correspondence *re* arrangements and itinerary.
- M.113 Programme.
- M.114 Copy of Dainton's address on the award of the Curie Medal; transcripts of lectures by others; summaries of lectures (in Polish).
- M.115 Background information on university and science in Poland.
- M.116 Report on the visit to Poland.
- M.117 Photographs from the visit.

**Visits and conferences**

- M.118, M.119 Printed material including memorabilia.  
2 folders.
- M.120-M.122 Congress on University/Industry Partnership, Birmingham, 14-20 August 1983.
- M.120 Programme.
- M.121 Notes of colleagues' lectures and lecture transcripts.
- M.122 Newspaper cuttings.
- M.123-M.125 Seminar on Science, Technology and Industry, London, 12 September 1983.  
The seminar was chaired by Margaret Thatcher, the Prime Minister.
- M.123 Correspondence and other papers *re* arrangements.
- M.124 Draft list of participants and programme.
- M.125 Notes on lectures delivered by colleagues.
- M.126-M.128 North of England Education Conference, Sheffield, 4-6 January 1984.  
Dainton delivered the Presidential Address.
- M.126 Programme and letter of thanks.
- M.127 Copy of Dainton's Presidential Address '1984: Knowledge, Education and the Future'.  
  
Also includes a typescript 'Piece for the Oxford Review of Education' and manuscript notes of colleagues' lectures.

**Visits and conferences**

- M.128                      Copies of colleagues' lectures including A. King's 'The coming information society' and J.S Maclure's 'Growing up in the eighties'.
- M.129                      National Radiological Protection Board Colloquium, 5 October 1984.  
  
Dainton lectured on 'British science: whence it came: what sort of future?'  
  
Typescript notes for the lecture.
- M.130                      Oxford Seminar, 28 April 1986.  
  
Dainton's lecture notes
- M.131                      Science and Government Seminar, (?)Trinity College, 5 May 1986.  
  
Preliminary reading list for the seminar and notes on lectures by others.
- M.132                      University Hospital Association's conference on Academic Medicine and the Health Service: The Future of the Partnership, London, 17 October 1986.  
  
Programme and notes on lectures by others.
- M.133-M.136              Ruhr University, Bochum, Germany, 15-20-May 1988.  
  
Dainton visited colleagues and lectured on 'Why polymerisation occurs' and other subjects.
- M.133                      Correspondence and papers *re* arrangements (including some in German), includes list of participants.
- M.134                      Itinerary (in German).
- M.135                      Notes on university links between Sheffield and Bochum.
- M.136                      Newspaper cutting and photographs.

### Visits and conferences

- M.137-M.144 Visit to Australia, New Zealand and USA, 28 October-9 December 1988.  
Dainton visited Australia, 28 October-26 November; New Zealand, 27 November-3 December; USA, 4-9 December.  
He visited colleagues at science institutes and universities and met library and education officials. He delivered a number of lectures.
- M. 137 Correspondence and papers *re* arrangements.
- M.138, M.139 14th Australian Institute of Nuclear Science and Engineering (AINSE) Radiation Chemistry mini-symposium on 'Radiation chemists and society', Australia, 9 November 1988  
Dainton's lectured on 'Is the party over for scientists? If so, what next?' and 'The necessary but uneasy alliance between government and higher education'.
- M.138 Programme etc.
- M.139 Typescript of 'The necessary but uneasy alliance between government and higher education'; printed copy of lecture.
- M.140 Diary with entries on daily visits with comments on universities in Australia and New Zealand, sightseeing, daily arrangements, food etc.
- M.141 Copies of lectures and papers by colleagues.
- M.142, M.143 Background information on higher education in Australia.  
Some annotated by Dainton.  
2 folders.
- M.144 Background information on New Zealand and Australia mainly on science and science policies; photographs.

**Visits and conferences**

- M.145 Annual Meeting of the British Association, Sheffield, 11-15 September 1989.  
  
Dainton lectured on 'Are some science policy issues inevitable, irresolvable and permanent?' and as chairman introduced the 'Astonishing materials: triumphs and catastrophes' session.  
  
Programme of lectures and events; Dainton's diary of the meeting.
- M.146-M.148 Royal Society of Arts meeting on Inner City Reconstruction. Sheffield: A Case Study, Sheffield, 22 November 1989.  
  
Dainton gave the Chairman's Opening Address.
- M.146 Correspondence *re* arrangements.
- M.147 List of participants and biographies.
- M.148 Chairman's opening address.
- M.149-M.152 Anglo-American Symposium on Health Care under Financial Constraint: a decade of change, Chapel Hill, North Carolina, USA, 17-19 May 1990.  
  
Dainton gave the keynote address 'Opening the secret garden.'
- M.149 Correspondence *re* arrangements.
- M.150 Programme and list of participants.
- M.151 Copy of Dainton's lecture 'Opening the secret garden' and notes on lectures by others.
- M.152 Papers by others.
- M.153 Royal Society of Chemistry 150th Annual Chemical Congress, Imperial College London, 8-11 April 1991.  
  
Programme; list of participants; etc.

**Visits and conferences**

- M.154, M.155      Inauguration of the International Federation of Associations for the Advancement of Science and Technology, Hong Kong, 8 May 1991.
- Dainton gave the following lecture 'Knowledge is our destiny'.
- See also J.542-J.556.
- M.154              Brochure of selected papers including Dainton's lecture with a covering letter.
- M.155              Technology section of the *South China Morning Post* newspaper featuring the event.
- M.156              Joint Meeting of the Royal Society and the American Philosophical Society, London, 15-17 May 1991.
- Programme only.
- M.157              7th European League Against Rheumatism (EULAR) Symposium, London, (?) 22 July 1992.
- Programme of the opening ceremony.
- M.158, M.159      'Future European Community Policy in the Field of Research and Development: Priorities under the Fourth Framework Programme in the Face of Technological Challenges', European Parliament, Brussels, Belgium, 1 December 1992.
- M.158              Papers and correspondence *re* arrangements including programme and European community research policy outline, in French.
- M.159              Copy of paper delivered by William Waldegrave MP before the Committee on Energy, Research and Technology of the European Parliament.
- Waldegrave was the UK government minister responsible for science and technology.
- M.160, M.161      Visit to Hong Kong, 3 April 1993.
- M.160              Correspondence and other papers *re* arrangements.

### Visits and conferences

- M.161 Dainton's speech notes etc.
- M.162, M.163 St Hilda's College Centenary Medical Symposium, Oxford, 17 April 1993.  
Dainton spoke on 'The state and the care of the sick'.
- M.162 Programme.
- M.163 Typescript of Dainton's lecture with slides; background material.
- M.164 The British Library Annual Dainton Lecture, London, 18 April 1994.  
Invitation and list of participants.
- M.165-M.169 7th BOC Priestley Conference, Bucknell University, Lewisburg, Pennsylvania, USA, 24-27 June 1994.  
Dainton gave an address preceding the toast at the Priestley dinner.  
See also J.815-J.821.
- M.165 Correspondence relating to Priestly and *re* arrangements.
- M.166 Programmes and lecture abstracts.
- M.167 Dainton's address transcript and notes.
- M.168 Photographs of Dainton and colleagues
- M.169 Background information on Joseph Priestley.
- M.170-M.172 4th International Meeting on Pulse Investigation in Physics, Chemistry and Biology, Lodz, Poland, 10-16 September 1994.  
Dainton gave a lecture on 'Reflections of a Radiation Chemical Dinosaur'.

**Visits and conferences**

- M.170 Programme and diary.
- M.171 Copies of papers, including Dainton's.
- M.172 Correspondence arising, 1994.
- M.173-M.176 Visit to Istanbul, Turkey, 1-4 October 1994.  
Dainton was asked to attend the opening ceremony of Istanbul University's academic year. He spoke on 'The importance of universities'.
- M.173 Correspondence *re* arrangements.
- M.174 Itinerary.
- M.175 Draft of Dainton's address and notes.
- M.176 Background information.
- M.176A Ditchley Foundation Conference on Science, Public Purposes and Wealth Creation: Roles for Government and Business', 21-23 October 1994.  
Programme and conference information including terms of reference and lists of participants; reports of working groups
- M.177, M.178 Career Conference for Academic Researchers, Glasgow, 23 June 1997.  
Dainton gave the keynote address 'Academic research: its role in the economy'.
- M.177 Correspondence *re* arrangements.
- M.178 Background information on academic staff statistics.

### Visits and conferences

- M.179                      Conference on the Challenges and Controversies in Shaping Public Policy for Science, London, 5-6 November 1997.
- The Conference was part of the R&D policy symposia sponsored by SmithKline Beecham.
- Invitation and programme.
- 
- M.180                      Installation of Baroness Lockwood as Chancellor of the University, University of Bradford, 15 November 1997.
- Correspondence *re* arrangements.
- 
- M.181                      SETweek evening, Oxford, 18 November 1997.
- The evening was part of the National Week of Science, Engineering and Technology organised by the British Association for the Advancement of Science.
- Correspondence *re* arrangements.
- 
- M.182                      Geneva Conference, Switzerland. N.d.
- Notes on colleagues' papers.
- 
- M.183                      Itinerary of visit to Australia, 20 July-12 September [? N.d.].

**SECTION N                      CORRESPONDENCE                      N.1-N.91**

N.1-N.55                      GENERAL CORRESPONDENCE

N.56-N.91                      REFERENCES AND RECOMMENDATIONS

**N.1-N.55                      GENERAL CORRESPONDENCE                      1957-1997**

This chronological sequence is weighted predominantly to the last years of Dainton's life and reflects a wide range of his interests including scientific research, higher education, libraries and the House of Lords. The sequence also includes some personal correspondence (see also A.383-A.391).

N.1                      1957.

N.2                      1971-1975.

N.3                      1976-1979.

Includes 'Report on the Fourth Anglo Bulgarian Colloquium, 21-28 September 1976'.

N.4                      1980.

N.5                      1981.

N.6                      1982-1983.

N.7                      1984.

N.8                      1985-1987.

**Correspondence**

N.9	1988.
N.10	1989 January-March.
N.11	1989 April-July.
N.12	1989 August-September.
N.13	1989 October-December.
N.14	1990 January-March.
N.15	1990 April-December.
N.16	1991 January-April.
N.17	1991 May-July.
N.18	1991 August-December.
N.19	1992 January-March.
N.20	1992 April-May.
N.21	1992 November-December.

### Correspondence

- N.22                    1993 February-June.  
  
Includes copy of 'Memorial Address to William Charles Price FRS', 18 May 1993 by J.M. Thomas.
- N.23                    1993 August-October.
- N.24                    Booklet of speeches given on the occasion when the Laboratoire Raymond Latarjet at the Institut Curie was 'baptised'. Dainton acknowledges its receipt in a letter to Latarjet of 31 October 1993 (N.23).
- N.25                    1993 November-December.
- N.26                    1994 January-February.
- N.27                    1994 March-April.
- N.28                    1994 May-June.
- N.29                    1994 July-August.  
  
Includes modern print of photograph of N.V. Sidgwick and two others, 1930s.
- N.30                    1994 September-December.
- N.31                    1995 January-February.
- N.32                    1995 March.
- N.33                    1995 April-May.

### Correspondence

- N.34 1995 June-July.
- N.35 1995 August.
- N.36 1995 September.
- N.37, N.38 1995 October.  
2 folders.  
N.37 includes the texts of four BBC radio broadcasts by Howard Davies, Deputy Governor of the Bank of England, sent to Dainton at his request.
- N.39 1995 November-December.
- N.40 1996 January.
- N.41 1996 February.  
Includes 'a rather long letter' by Dainton to the *Oxford Magazine* on 'a central problem of the funding of British universities'.
- N.42 1996 March.
- N.43 1996 April-June.
- N.43A Correspondence and papers *re* 'Prior Options Review: National Radiological Protection Board', May-June 1996.
- N.44 1996 July.  
Includes papers *re* proposed new library for the National Coal Mining Museum for England.

**Correspondence**

N.45 1996 August.

N.46 1996 September.

N.47 1996 October.

N.48 1996 November-December.

N.49 1997 January.

N.50 1997 February.

N.51 1997 March-April.

N.52 1997 May.

N.53 1997 June-July.

N.54 1997 August.

N.55 1997 September-October.

**N.56-N.91**

**REFERENCES AND RECOMMENDATIONS**

**1962-1997**

Unindexed.

N.56-N.62

Correspondence and papers *re* public honours and appointments, 1991-1997.

**Correspondence**

N.56	1991-1992.
N.57	1993.
N.58	1994-1995.
N.59	1996.
N.60-N.62	1997. 3 folders.
N.63-N.78	Correspondence and papers <i>re</i> Vice-Chancellorships, 1982-1997, n.d.
N.63	1982.
N.64	1984.
N.65	1985.
N.66	1986.
N.67	1987.
N.68	1988-1989.
N.69	1990.
N.70	1991.

**Correspondence**

N.71	1992.
N.72-N.74	1993. 3 folders.
N.75	1994.
N.76	1995.
N.77	1997.
N.78	N.d.
N.79-N.91	Miscellaneous requests from individuals and institutions, 1962-1997.
N.79	1962.
N.79A	1985, 1988, 1989.
N.80	1990.
N.81	1991-1992.
N.82	1993.
N.83-N.85	1994. 3 folders.

**Correspondence**

N.86, N.87	1995. 2 folders.
N.88, N.89	1996. 2 folders.
N.90, N.91	1997 and n.d. 2 folders.

**SECTION O                      PHOTOGRAPHIC SLIDES**

**O.1-O.34**

The slides are of graphs, figures, calculations etc. used as illustrations for lectures. Few have any indication of date. They are all roughly 2 inch square size and most are glass.

They are arranged by container type.

Some of Dainton's slides were kept by him with the lectures material to which they relate. These have been retained in their original order. See section L, Lectures.

- O.1-O.7                      Metal photographic slide boxes. N.d.
- The contents are principally glass slides, with a list of contents inside the lid.
- The boxes have descriptive labels giving the subject areas covered by the slides inside. These labels have been used as the basis for the organisation of the material in rough alphabetical order.
- O.1                              '1-50 AQ. EI transfer [...]'.  
71 slides.
- O.2                              'Aqueous Polym<sup>n</sup>'.  
59 slides.
- O.3                              Manuscript notes found rolled inside the box (O.2).  
  
Includes notes for lectures at Polymer Symposium, Case Institute, Cleveland, Ohio, USA, 22 June 1966, and Chemical Society Annual Meeting, Dublin, Ireland, April 1968.
- O.4                              '1- Chain Theory [...]'.  
123 slides.
- O.5                              '1) "New horizons in Phys. Chem." [...]'.  
89 slides.

### Photographic slides

- O.6 '1-? Photochlorination [...]'.  
98 slides.
- O.7 'Radiation chem'.  
85 slides.
- O.8-O.12 Plastic and card photographic slide boxes.  
Various sized boxes. Some labelled.
- O.8 Inscribed on lid 'Australia 68 2. End of Melbourne Canberra Beginning of Sydney'.  
It is not clear the inscription has any bearing on the contents.  
14 slides.
- O.9 Inscribed on lid 'Sydney (cont) 1 Aug 68 1. End of Melbourne Canberra Beginning of Sydney'.  
It is not clear the inscription has any bearing on the contents.  
11 slides.
- O.10 List of contents include 'Photochlorination [...] AQ Polym<sup>n</sup>'.  
106 slides.
- O.11 Untitled card box.  
The slides are divided into section 'I', 'Part II', 'Part III' and 'Part IV'.  
33 slides.
- O.12 Box of historically themed slides labelled 'NRPB [...]'.  
6 slides.

### Photographic slides

- O.13-O.34 Plastic photographic slide wallets.
- O.13 Found with manuscript notes for Dainton's contribution to 'International seminar on Excited Chloro ethyl Radicals G E July 61'; duplicated typescript notes for Dainton's Boomer Memorial Lectures, May 1962; and other notes.  
18 slides.
- O.14 In file labelled 'Manpower: Swing'.  
23 slides.
- O.15 Labelled 'Alk Aq Sol pH effect'.  
13 slides.
- O.16 Labelled 'Alk. Aq. Glasses Nat Lantz'.  
15 slides.
- O.17 Labelled 'Aq. Radiol [...]'.  
16 slides.
- O.18 Labelled ' $e^-$  [...]'.  
11 slides.
- O.19 Labelled 'Low Temp Aq Pulsing Cattell'.  
17 slides.
- O.20 Labelled ' $N^T$ '.  
5 slides.

**Photographic slides**

O.21	Labelled 'Radiolysis $\text{NH}_3 \text{H}_2\text{O}_2$ Coyle'. 22 slides.
O.22	Labelled 'Reactn of $e^-$ [...]'. 13 slides.
O.23-O.34	Unlabelled.  Some of the individual slides are identified but the wallets themselves are not labelled.
O.23	21 slides.
O.24	23 slides.
O.25	22 slides.
O.26	23 slides.
O.27	22 slides.
O.28	17 slides.
O.29	18 slides.
O.30	17 slides.
O.31	14 slides.
O.32	18 slides.

**Photographic slides**

O.33                    16 slides.

O.34                    10 slides.

Catalogue of the papers and correspondence of

**Frederick Sydney Dainton FRS,  
Baron Dainton of Hallam Moors**

(1914-1997)

**VOLUME III**

Index of correspondents

by Timothy E. Powell, Peter Harper and  
Caroline Thibeaud

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