

Hadfield, Isabel Hodgson

Born: 29 January 1893.

Educated: East London College (later Queen Mary College, University of London).

London Day Training Centre.

B.Sc. Hons. (London), 1914; Dip.Ed. 1915; M.Sc. (London) 1923.

Chemical Society: Fellow, 1925, nominated by Guy Barr, L.L. Bircumshaw, J.T. Hewitt.

Analytical Society: Member, 1944

Died: February 1965.

Sources:

Proc. Chem. Soc., 1925. 64.

Queen Mary College, student records.

D.E. Butterworth, "Isobel Hodgson Hadfield", Proc. Soc. Anal. Chem., June 1965, 2, 101.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 55-56, 115, 461.

Hainsworth, Ruth Mary (Mrs. Graddon)

Born: unknown.

Educated: University of Manchester.

B.Sc. Hons. (Manchester), 1947.

Chemical Society: Fellow, 1948, nominated by E.G.V. Percival, E.L. Hirst, Mowbray Richie..

Married: D.P. Graddon

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 106.

University of Manchester Register.

Biography:

In 1948 Hainsworth was an organic chemist with the British Rayon Research Association, and she gave her address as Woodlands, Whalley Bridge, near Stockport.

Halcrow, Barbara Evelyn

Born: unknown.

Educated: University of Edinburgh.

B.Sc. (Edinburgh), 1941; Ph.D. (Edinburgh), 1944.

Chemical Society: Fellow, 1945, nominated by Alan A. Goldberg, William Kelly, L.W. Salame.

Died: unknown.

Sources:

Proc. Chem. Soc., 1945, 26.

University of Edinburgh, student records.

Biography:

In 1945 Halcrow was a research chemist with an address of 94, Trowbridge Road, Bradford-on-Avon. In the 1949 University of Edinburgh Register, she was listed as a chemist in North Berwick.

Hall, Dorothy Muriel (Mrs. Hargreaves)

Born: 20 March 1920 at Walthamstow.

Educated: Wansted Jr. School; Wanstead County High School.

Bedford College, University of London.

B.Sc. (Chem.) (London), 1941; Ph.D. (Chem.) (London), 1944; D.Sc. (London), 1961.

Chemical Society: Fellow, 1942, nominated by E.E. Turner, M.S. Lesslie, Margaret M. Jamison

Married: Micheal Kenneth Hargreaves (Dec. 21 1957). 1 son.

Died: unknown.

Sources:

Proc. Chem. Soc., 1942, 5.

Bedford College, student records.

M.M. Harris, Ch. 4, "Chemistry", in J.M. Cook, ed., Bedford College University of London: Memories of 150 years, Royal Holloway and Bedford New College, 2001.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 145-146.

Hall, Gertrude Louisa

Born: unknown.

Educated: East London College (later Queen Mary, University of London).

B.Sc. (London), 1927.

Institute of Chemistry: Associate, 1927.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1927, 245.

Register, Roy. Inst. Chem., 1928 and 1932.

Biography:

In 1927 Hall gave her address as 206, Felixstowe Road, Ipswich.

Hall, Mary Norah Andrews (see Cowper)

Hall, Norah

Born: unknown.

Educated: Kings College, Newcastle-upon-Tyne (later University of Newcastle).

B.Sc. (Durham), 1939; Dip.Agric. (Durham), 1941.

Chemical Society: Fellow, 1945, nominated by P.L. Robinson, Wesley Cocker, H.L. Riley

Died: unknown.

Sources:

Proc. Chem. Soc., 1945, 56.

Biography:

In 1945 Hall was employed as a works chemist in the laboratory department of Tyne Brand Products, North Shields.

Hall, Sybil Margaret

Born: unknown.

Educated: University of Liverpool.
BSc. (Liverpool)

Institute of Chemistry: Associate, 1944.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1944, 190.
Register, Roy. Inst. Chem., 1948.

Biography:

In 1948 Hall gave her address as 1 Joan Avenue, Greasby, Wirral, Cheshire.

Halpern, Lena

Born: unknown.

Educated: Hunter College, New York City, U.S.A.
Columbia University, New York City, U.S.A.
A.B. (Hunter); A.M. (Columbia).

Chemical Society: Fellow, 1930, nominated by F.G. Donnan, K.N. Menon, K.R. Krishnaswami.

Died: unknown.

Sources:

Proc. Chem. Soc., 1930, 8.

Biography:

Halpern, an American, was a research student in 1930, giving an address of 97, Greencroft Gardens, London. Previously, 1926 to 1929, she was a research assistant at the New York Post-Graduate Medical School and Hospital, U.S.A.

Halsall, Barbara Jean (see Lovell)

Hamer, Frances Mary

Born: 14 October 1894 at Kentish Town, London.

Educated: North London Collegiate School.

Girton College, University of Cambridge.

Nat. Sci. Trip., Pt.I, 1916; Pt. II, 1917; B.A. (Cantab) 1917; M.A. (Cantab), 1918; B.Sc. (London), 1917;
M.Sc. (London), 1919; D.Sc. (London.), 1924; Sci.D. (Cantab.), 1937.

Chemical Society: Fellow, 1920, nominated by W.J. Pope, C.T. Heycock, W.H. Mills.

Institute of Chemistry: Associate, 1918; Fellow, 1922.

Society of Chemical Industry: Member.

Royal Photographic Society: Fellow, 1928.

Died: 29 April 1980, age 85

Sources:

Proc. Chem. Soc., 1920.
Proc. Roy. Inst. Chem., 1919 pt. i, 34; 1922, 274.
Chem. Brit., 1971, 7, 533.

Girton College Register 1869-1946, Cambridge: Girton College, 678.

Girton College Newsletter, 1980

R.Q. Jeffreys and M.D. Gauntlett, "Frances Mary Hamer 1894-1980", Chem. Brit., 1981, 17, 31.

Personal communication with Roy Jeffreys, March 2000.

P. Delius, "Dr Francis Mary Hamer", Brit. J. Phot., 1963, 110, 260.

Personal communication with Frank Greenaway, Feb 2000

Review of book she wrote, by F.G. Mann, Girton Review, Michailmas Term, 1964, 9-11

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 83, 495, 498-501.

Hamilton, Beryl Rose (Mrs. Davis)

Born: unknown.

Educated: St Hugh's, University of Oxford

B.A. (Oxon), 1936; B.Sc. (Oxon). (by 1940)

Institute of Chemistry: Associate, 1937.

Married: Davis (1939).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1937, 349; 1939, 446.

Register, Roy. Inst. Chem., 1938.

University of Oxford Calendars

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 246, 512.

Hamilton, Jessie Notman Rae

Born: unknown.

Educated: Glasgow University.

B.Sc. (Glasgow).

Institute of Chemistry: Associate, 1928.

Died: 19 June 1987, age 86

Sources:

Proc. Roy. Inst. Chem., 1928, 220.

Register, Roy. Inst. Chem., 1936; 1938.

Chem. Brit., 1987, 23, 1050.

Biography:

Hamilton entered Queen Margaret College, Glasgow in 1909 giving her address as 2 Crossflat Crescent, Paisley. In 1928 Hamilton gave her address as 132, Terregles Avenue, Maxwell Park, Glasgow. Both the 1936 and 1938 Registers listed her as chief chemist in a Food Factory.

Hamilton, Lucy Garland

Born: unknown.

Educated: Queen's University, Belfast.

B.Sc. (Q.U.B.).

Institute of Chemistry: Associate, 1949.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1949, 53.

Biography:

No details known.

Hamp, Annie Godfree

Born: unknown.

Educated: Chelsea Polytechnic, London.

B.Sc. Hons. (London), 1924.

Chemical Society: Fellow, 1926, nominated by J.C. Crocker, F.H. Lowe, Francis Arnall, Edna C. Smith.

Died: unknown.

Sources:

Proc. Chem. Soc., 1926, 78.

Biography:

Hamp worked in the chemistry department of Chelsea Polytechnic after graduation for 3 years. In 1926 she was private secretary to the Director of Research, and Secretary, Research Association of British Motor and Allied Manufacturers. Her address at that time was 14, Boileau Road, Ealing, London.

Hanchard, Jeanne Olive

Born: 4 December 1923

Educated: Numerous schools around the country ending at Orme Girls School, Newcastle-upon-Tyne.

Bedford College, University of London.

B.Sc. Hons. (London), 1943; Dip.Ed., 1944.

Chemical Society: Fellow, 1946, nominated by E.E. Turner, Margaret M. Jamison, D.M. Hall.

Died: unknown.

Sources:

Proc. Chem. Soc., 1946, 49.

Bedford College, student records.

Biography:

Hanchard, daughter of C. Hanchard, civil servant, of Bournemouth entered Bedford College in 1941. She continued her studies for a teaching diploma at Maria Grey Training College. Hanchard accepted a position as assistant science mistress at Southend-on-Sea in 1945. In 1946 her address was 27, Aldbourne Avenue, Earley, near Reading, with an occupation of science teacher.

Hands, Olga Muriel

Born: unknown.

Educated: University of Leeds.

B.Sc. (Leeds).

Institute of Chemistry: Associate, 1936.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1936, 36.

Register, Roy. Inst. Chem., 1936 and 1938.

Biography:

In 1936 Hands was a biochemical assistant in the Institute of Pathology giving her address as 35 Afriston Road, London. In 1938 she was working in the technical library at the Department of Scientific and Industrial Research (D.S.I.R.).

Hardy, Doreen Margaret

Born: unknown.

Educated: Royal Holloway College, University of London.
B.Sc. Hons. (London), 1947; Ph.D. (London), 1951.

Chemical Society: Fellow, 1949, nominated by Gwyn Williams, J.W.E. Brading, A. Graham Foster.

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 119.

Biography:

In 1948, Hardy was a research student studying for her Ph.D. at Royal Holloway College, London.

Harford, Mary Beatrix

Born: 14 August 1907.

Educated: Newbury High School; Clapham High School.
Bedford College, University of London.
B.Sc. Gen. (London), 1929; B.Sc. (Chem) (London), 1930.

Institute of Chemistry: Associate, 1930

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1930, 295.
Register, Roy. Inst. Chem., 1932 and 1936.
Bedford College, student records.

Biography:

Harford was the daughter of J.W. Harford, Minister of Religion of London. After graduating she could not find a job so, in 1931, started research with Dr. Kenyon at Battersea Polytechnic towards her Ph.D. In 1932 Harford gave her address as 52 Old Road, Lee, London. By 1936 was working in the Pathology Unit of the Royal Free Hospital, Grey's Inn Road, London. .

Hargreaves, Barbara Mary Constance (see Hopewell)

Hargreaves, Dorothy Muriel (see Hall)

Hargreaves, Louisa Mary (Mrs. Williams)

Born: 21 October 1906.

Educated: Cannock House School; Balrington House School, Eltham; City of London School for Girls.
Bedford College, University of London.

B.Sc. (Gen.) 1928; B.Sc. (Chem.) (London), 1929.

Institute of Chemistry: Associate, 1929.

Married: Williams (1938).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1929, 270; 1938, 423.

Register, Roy. Inst. Chem., 1932, 1936, 1938 and 1948.

Bedford College, student records.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, p. 502.

Harker, Katherine Nancie Helen

Born: 27 April 1899

Educated: University of Manchester.

B.Sc. (Chem.) (Manchester), 1920; M.Sc. Tech. (Vict) 1921.

Institute of Chemistry: Associate, 1923

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1923, 65.

Register, Roy. Inst. Chem., 1928.

Biography:

After graduation in 1920, Harker was an assistant chemist for the Air Pollution Committee of Manchester Corporation. She later became a teacher at the Girls' Grammar School, Windermere Rd., Leigh, Lancashire. In 1923 Harker gave her address as The House, Assize Courts, Manchester. In 1928 she was a research chemist in Manchester.

Harman, Annie (Mrs. Fuller)

Born: 1903.

Educated: Battersea Polytechnic, London.

B.Sc. (London), 1925.

Institute of Chemistry: Associate, 1926.

Married: Albert Thomas Fuller, B.Sc. Ph.D. (1930).

Died: 12 March 1984, age 81.

Sources:

Proc. Roy. Inst. Chem., 1926, 120; 1930, 197.

Register, Roy. Inst. Chem., 1928 and 1932.

Chem. Brit., 1984, 20, 1087.

Biography:

In 1926 Harman gave her address as Eastwood, The Mount, New Malden, Surrey. In 1932, under her married name her address was Briar Oak, Christ Church Mount, Epsom, Surrey.

Harper, Dorothy

Born: unknown.

Educated: University of London.
B.Sc. Hons. (London).

Chemical Society: Fellow, 1946, nominated by C.H. Bamford, B.A. Toms, J. Watson.

Died: unknown.

Sources:

Proc. Chem. Soc., 1946, 7.

Biography:

In 1946 Harper was employed as an information officer at the Fundamental Research Institute, Coutaulds, Ltd. She gave her address as The Islet, Maidenhead Court, Maidenhead.

Harradence, Rita Harriet (Lady Cornforth)

Born: 16 September 1915.

Educated: University of Sydney, N.S.W., Australia.
Somerville College, University of Oxford.
B.Sc. Hons. (Sydney), 1936; M.Sc. (Sydney), 1937; D.Phil. (Oxon) 1941.

Chemical Society: Fellow, 1936, nominated by J.C. Earl, C.E. Fawsitt, J.E. Mills, Thomas Iredale.

Married: Sir. John Cornforth (1941). 3 children.

Died: unknown.

Sources:

Proc. Chem. Soc., 1936, 77.

Somerville College and ASM Reports, 1988, 66

Personal Communicaton (letter), E.D. Morgan, Keele University, October 1999.

Personal Communicaton (letter), Neddy Campbell RACI (Vic).

Who's Who in Australia.

Biography:

After completing her M.Sc. degree, in 1939 Harradence won an 1851 Exhibition Overseas Scholarship. The other scholarship, of the two awarded annually among the six Australian Universities existing at that time, was won by her future husband (Later Sir John Cornforth) who was one year behind her at Sydney. They both chose to use the Scholarships to work for their D.Phil. degrees at the University of Oxford. The pair worked together at the National Institute for Medical Research (NIMR) first at Hampstead, then at Mill Hill, from 1946 to 1962, and subsequently at the Milstead Laboratory of Chemical Enzymology (Shell Research Ltd.). They published 41 papers in collaboration, their first joint research, at Oxford as Medical Research Council scholars, was on the chemistry of penicillin; then at the NIMR they addressed the biosynthesis of steroids from mavalonic acid and fundamental studies of enzyme stereochemistry, leading to the award of the Nobel Prize in Chemistry for 1975 to Sir John Cornforth (jointly with Vladimir Prelog). In his Nobel Lecture, Sir John paid tribute to his wife's pivotal contributions to their joint work: "...with patience and great experimental skill [she] executed much of the chemical synthesis on which the success of the work was founded". Harradence never received any formal recognition for her contribution at the time. She retired in 1975, and was awarded an honorary doctorate from the University of Sussex in 1976. The Australian National University at last gave her recognition by setting up the Rita Cornforth Fellowships for women scientists.

Harris, Margaret Manderson (see Jamison)

Harris, Eileen Winifred (Mrs. Whitehill)

Born: unknown.

Educated: University of Birmingham.
B.Sc. Hons. (Birmingham), 1925.

Institute of Chemistry: Associate, 1926.

Married: Whitehill (1928).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1926, 57; 1928, 221.

Register, Roy. Inst. Chem., 1928, 1932, 1938 and 1948.

Biography:

In 1926 Harris gave her address as 37, Cambridge Road, Kings Heath, Birmingham. In the 1928 Register she was listed as being a works chemist at Alfred Hughes and Sons Ltd., Birmingham. In later Registers she is under her married name and the 1948 Register states "formerly works chemist".

Harrison, Florence Mary

Born: 27 October 1895 at Birmingham.

Educated: King Edward's Grammar School, Camp Hill; King Edward VI High School for Girls, Birmingham.
Newnham College, University of Cambridge.

Nat. Sci. Trip. Pt. I, 1917; Pt.II (Chem.), 1919 (Cantab.); M.A. 1936.

Institute of Chemistry: Associate, 1919.

Died: 30 July 1974.

Sources:

Proc. Roy. Inst. Chem., 1920, 70.

Register, Roy. Inst. Chem., 1928 and 1932.

Newnham College Register, 1897-1971, vol I 1897-1923, Cambridge: Newnham College, 1979, 264.

Biography:

Harrison, daughter of Frank Harrison, commercial clerk, and Florence Finnemore of 41 Lydon Rd, Otton, near Birmingham, entered Newnham College as a Gilchrist Scholar in 1915. She was also a Mary Ewart Scholar, 1918 to 1919. In 1919 Harrison took a position with the Birmingham Small Arms, Company (B.S.A.), Birmingham as a research chemist. In 1921 she changed careers to become an assistant science mistress at Croydon High School, a position she held to retirement in 1959.

Harrison, Gwendolen Hardy

Born: unknown.

Educated: Kings College, Newcastle-upon-Tyne (later University of Newcastle).
B.Sc. Hons (Durham), 1939; D.Th.P.T. (Durham).

Chemical Society: Fellow, 1940, nominated by Wesley Croker, Richard Raper, George A. Swan.

Died: unknown.

Sources:

Proc. Chem. Soc., 1940, 37.

University of Newcastle, student records.

Biography:

In 1940 Harrison was taking a teaching diploma and possibly undertaking further research. She gave her address as 2 Bothal Terrace, Ashington, Northumberland.

Harrison, Pauline May (see Cowan)

Harrison, Sheila Margaret

Born: unknown.

Educated: Kings College, University of London.
B.Sc. (London), 1947.

Chemical Society: Fellow, 1948, nominated by D.H. Hey, A.J. Allmand, C.S. Salmon.

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 28.

Biography:

In 1948 Harrison was a technical information officer, and gave her address as 3, Champneys Close, Cheam.

Harrison, Sophy Michaelmas (Mrs. Ireland, Mrs. Garratt)

Born: unknown.

Educated: Society of Oxford Home Students (later St Anne's, University of Oxford).
M.A. (Oxon).

Institute of Chemistry: Associate, 1918.

Married: Ireland (1932), Garratt.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1918 pt. 4, 54; 1932, 282.
Register, Roy. Inst. Chem., 1928 and 1932.

Biography:

Towards the end of the First World War, Harrison was reported as working at Site 'B', H.M. Factory, Oldbury, Birmingham and for Alizarine Co., Ltd., Silvertown, Victoria Docks, London. In the 1928 and 1932 Registers, she is reported as being Lecturer in Chemistry at Lahore College for Women, India. Up to 1944, the Oxford University Register gives her married name as Ireland, then 1945 onward it is given as Garratt.

Harrop, Dorothy (Mrs. Norris)

Born: 1 March 1887.

Educated: St. Margaret's School, Whalley Range, Manchester.
University of Manchester.
B.Sc. (Manchester), 1909; M.Sc. (Manchester) 1911.

Institute of Chemistry: Associate, 1919; Fellow, 1934.

Married: R.V. Norris (1910).

Died: 12 June 1965, age 78.

Sources:

Proc. Roy. Inst. Chem., 1919, pt. iii, 46; 1934, 247.
University of Manchester, student records.
Register, Roy. Inst. Chem., 1926, 1928, 1932, 1936 and 1948.
Chem. Brit., 1965, 1, 432.

Biography:

Harrop entered University in 1905. After graduation in 1909, she undertook research at the Lister Institute. At the beginning of the First World War, she moved to India, holding a series of positions: research biochemist (later Director)

Central Research Institute, Kasauli, Punjab; then agricultural bacteriologist for the Government of Madras; and from 1934, Director, Indian Lac Research Institute, Ranchi.

Hartle, Hilda Jane

Born: 11 September 1876 at Birmingham.

Educated: King Edward VI High School for Girls, Birmingham.

Newnham College, University of Cambridge.

Nat. Sci. Trip. Pt. I, 1899; Pt. II (Chem.), 1901; B.Sc. (Lond.) 1900; M.A. 1924.

Died: 20 May 1974 in her 98th year.

Sources:

Newnham College Register 1891-1971, vol I, 1897-1923, Cambridge: Newnham College, 1979, 141.

M.E.G. "Hilda Jane Hartle, 1876-1974", Newnham College Roll Letter 1975, 43.

M.R.S. Creese, Ladies in the Laboratory: American and British Women in Science 1800-1900, Lanham, Md., Scarecrow Press, 1998, 279.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 31, 66, 67, 479-481.

Harvey, Eleanor Mary Armine (Mrs. Mumford)

Born: 12 June 1917 at Sheffield.

Educated: Wycombe Abbey.

Somerville College, University of Oxford.

Nat. Sci. Hons. (Chem), 1940, B.A. 1939; BSc certificate, 1940; M.A. 1943.

Chemical Society: Fellow, 1940, nominated by Ronald P. Bell, W.H.C. Sommonds, M.J.S. Dewar.

Married: Richard Moore Mumford D.F.C. B.A., B.Sc. (1945). 2 sons.

Died: 1983, age 66.

Sources:

Proc. Chem. Soc., 1940, 16.

Somerville College, student register.

Somerville College and ASM Reports, 1983, 74.

Who was Who, vol 4, 1941-1950, (London: Adam & Charles Black), 619.

Biography:

Harvey, daughter of Col. C.G.St. C. Harvey D.S.O., entered Somerville College in 1936. She was a metallurgist with Brown-Firth Research Laboratories, Sheffield from 1940 to 1946. Harvey was a member of the Sheffield Metallurgical Association. Later in life her address was given as Chilterns, Cross Oak Rd. Berkhamsted, Herts.

Harvey, Elsie Nora

Born: unknown.

Educated: University of London.

B.Sc. (London), 1940.

Chemical Society: Fellow, 1946, nominated by L.J. Waller, H.M. Perry, R.E. Mitchell.

Institute of Chemistry: Associate, 1945.

Died: unknown.

Sources:

Proc. Chem. Soc., 1946, 7.
Proc. Roy. Inst. Chem., 1945, 233.

Biography:

In 1946 Harvey was an analytical chemist, with Messrs. W.J. Bush & Co., Ltd., Ash Grove, Hackney, London, and gave her address as 28, Hillmore Grove, Sydenham Kent. By 1948 Harvey was a chemist at the Marmite Food Extract Co. Ltd.

Haskins, Edna (see Ferrell)

Haslam, Margaret Mary

Born: 13 November 1898.

Educated: Truro County School; Elmfield, Cleethorps; West Leeds High School, Armley.
Bedford College, University of London.
University of Cambridge (teacher training).
B.Sc. (London), 1921; Dip.Ed. (Cantab), 1922; M.Sc. (London), 1929.

Institute of Chemistry: Associate, 1922.

Died: 28 April 1995, age 96.

Sources:

Proc. Roy. Inst. Chem., 1922, 260.
Chem. Brit., January 1996, 58
“Margaret Mary Haslam 1898-1995”, Chem. Brit., 1996, 32, 63.

Biography:

Haslam, daughter, and only child, of James Haslam, Wesleyan Minister of Richmond Hill Manse Gomersal, Leeds, entered Bedford College in 1917. In 1923 Haslam took a teaching position as Junior Science Mistress, teaching mathematics and science at Herts and Essex High School in Bishops Stortford, Essex. At the same time she studied part-time towards her M.Sc. in the history, principles and methods of science. In 1931 Haslam moved to Sutton High School as a senior science mistress, then, in 1934, to Boston High School, Lincolnshire where she stayed until retirement at 65, before taking up a teaching post in Jamaica. In addition to her teaching, Haslam also carried out scientific research work in association with Nottingham University.

Hassan, Zenab (see Kamil)

Hawkes, Winifred June

Born: unknown.

Educated: King's College, University of London.
B.Sc. (London), 1946.

Chemical Society: Fellow, 1947, nominated by D.H. Hey, M. Elliott, John M. Osbond.

Died: unknown.

Sources:

Proc. Chem. Soc., 1947, 37.

Biography:

In 1947 Hawkes was a research student and gave her address as 19, Clapton Way, Clapton, London.

Haynes, Dorothy

Born: unknown,

Educated: Kings College, University of London.

Royal College of Science (later Imperial College of Science and Technology, London).

B.Sc. (London), 1903; D.I.C. (Biochem.); D.Sc. (London), 1922.

Institute of Chemistry: Associate, 1918.

Died: 1933.

Sources:

Proc. Roy. Inst. Chem., 1918, pt iv, 54.

Bedford College, staff records.

Royal College of Science Register.

Biography:

In an application for a position as demonstrator at Bedford College in 1906, she stated that she was a science mistress at Dame Alice Owen's School, Darlington and had done some research at The Royal College of Science. In 1916 Haynes started research at The Royal College of Science related to war work and remained there till 1931. While there she received a D.I.C. in Biochemistry and a D.Sc. for her work.

Hayward, Aileen Mary (Mrs. Vallender)

Born: 28 March 1908.

Educated: Cardiff High School.

University College, Cardiff (later University of Cardiff).

B.Sc. Hons.(Chem.) (Wales), 1928; B.Sc. Hons. (Chem) (London), 1929; Ph.D. (Wales), 1930.

Chemical Society: Fellow, 1932, nominated by James F. Spencer, Florence R. Shaw, Elizabeth E.E. Marler, Corona C. Trew.

Married: Vallender (July 1934)

Died: unknown.

Sources:

Proc. Chem. Soc., 1932, 11.

Bedford College, staff records.

Biography:

In 1928 Hayward started research towards a Ph.D. at the same time studying privately towards a B.Sc. (London). In 1930 she applied for a demonstrator position in inorganic and physical chemistry at Bedford, but was unsuccessful. However when the incumbent was promoted to Junior Lecturer the following year, Hayward became demonstrator. And she remained in this position until her marriage in 1934.

Healey, Margaret Mary

Born: unknown.

Educated: University College, University of London.

B.Sc. (London); Ph.D. (London) 1933.

Chemical Society: Fellow, 1930, nominated by C.K. Ingold, A.M. Robinson, R.J.W. Le Fevre.

Died: unknown.

Sources:

Proc. Chem. Soc., 1930, 116.

Biography:

In 1930 Healey's was a chemistry research student, and gave her address as 79, Pope's Avenue, Twickenham.

Heath, Florence Mary

Born: unknown.

Educated: Private study.

B.Sc. (London), 1944.

Institute of Chemistry: Associate, 1945.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1945, 90.

Register, Roy. Inst. Chem., 1948.

Biography:

In 1948 Heath was a research secretary at Ferodo Ltd., Chapel-en-le-Frith, and gave her address as Beaumont Mellor, near Stockport, Cheshire.

Hemming, Mabel Louie

Born: unknown.

Educated: University of Leeds.

B.Sc. Hons. Chem. (Leeds), 1938.

Chemical Society: Fellow, 1940, nominated by J.W. Baker, D.A. Wightman, H. Burton.

Died: unknown.

Sources:

Proc. Chem. Soc., 1940, 40.

Biography:

In 1940, Hemming was a temporary assistant lecturer in physical chemistry at the University of Sheffield and she gave her address as 58 Sandygate Rd., Sheffield.

Henley, Rosalind Venetia (Mrs. Pitt-Rivers)

Born: 4 March 1907 in London.

Educated: Privately; Notting Hill High School, London; Malvern Girls College.

Bedford College, University of London.

University College, University of London.

B.Sc. (London), 1930; M.Sc. (London) 1931; Ph.D. (London) 1939.

Chemical Society: Fellow, 1928, nominated by James F. Spencer, E.E. Turner, Florence R. Shaw.

Married: George Pitt-Rivers (1931); Divorced (1937). 1 son, Anthony.

Died: 14 January 1990 at Hinton St. Mary, Dorset.

Sources:

Proc. Chem. Soc., 1928, 104.

“New Fellows of the Royal Society”, *Nature*, March 27 1954, 178, 568.

J.R. Tata, “Rosalind Venetia Pitt-Rivers 1907-1990, *Biog. Mem. Fellows Roy. Soc.*, London: Royal Society, 1994, 39, 327-348.

Independent, Jan. 26 1990.

Bedford College, student records.

M. Ogilvie and J. Harvey, eds., The biographical dictionary of women in science. Pioneering lives from ancient times to the mid 20th century, New York: Routledge, 2000, 1028-1030.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 150-151.

Henry, Kathleen Mary

Born: 1904.

Educated: National University of Ireland.

University of Aberdeen.

B.Sc. (London and NUI), 1927; A.R.C.Sc.I.; Ph.D. (Aberd.)

Institute of Chemistry: Associate, 1926.

Died: 13 November 1987, age 83.

Sources:

Proc. Roy. Inst. Chem., 1926, 120.

Register, Roy. Inst. Chem., 1926 to 1948.

Chem. Brit., 1988, 24, 420.

Biography:

In 1928 Henry gave her address as Debenham, Stowmarket, Suffolk. In 1932 she was undertaking research at the Rowlett Research Institute, Aberdeen. She spent her career working for The National Institute for Research in Dairying (N.I.R.D.), University of Reading, as a biochemist in the Department of Physiology and Biochemistry, rising to Senior Scientific Officer, Department of Nutrition.

Heppenstall, Mollie Eileen

Born: unknown.

Educated: Kings College, University of London.

B.Sc. (London); Ph.D. (London), 1938.

Chemical Society: Fellow, 1940, nominated by S. Smiles, Dorothy J. Lloyd, M.P. Balfe.

Died: unknown.

Sources:

Proc. Chem. Soc., 1940, 49.

Biography:

In 1940, Heppenstall was a research assistant and gave her address as 236, Stanley Park Rd., Carshalton, Surrey.

Herian, Barbara Joan

Born: unknown.

Educated: Unknown..

Institute of Chemistry: Associate, 1948.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1948, 232.

Biography:

No details known.

Herriott, Patricia Mollie

Born: unknown.

Educated: Portsmouth Municipal College.
B.Sc. Hons. (London), 1947.

Chemical Society: Fellow, 1947, nominated by J.A. Stock, C.G. Lyons, J.D. Bower.

Institute of Chemistry: Associate, 1948.

Died: unknown.

Sources:

Proc. Chem. Soc., 1947, 102.

Proc. Roy. Inst. Chem., 1948, 232.

Biography:

In 1947, Herriott was an analytical chemist, and gave her address as 1 Rodney St., Liverpool.

Herz, Minna Doris

Born: 16 November 1897

Educated: South Hampstead High School.
Bedford College, University of London.
B.Sc. (Chem) (London), 1921.

Chemical Society: Fellow, 1947, nominated by J.N. Ashley, H. Campbell, D.W. Mathieson.

Died: unknown.

Sources:

Proc. Chem. Soc., 1947, 57.

Bedford College, student records.

Biography:

Herz, daughter of Max Herz, embroidery manufacturer, of London, entered Bedford College in 1916, having spent one term at Somerville College, Oxford. In 1947 she was a information officer with Leonard Hill, Ltd., Information Service, 17, Stratford Place, London.

Herzfeld, Nora

Born: unknown.

Educated: University College, London.
B.Sc. (London); Ph.D. (London), 1943.

Chemical Society: Fellow, 1940, nominated by C.K. Ingold, E.D. Hughes, H.G. Poole.

Died: unknown.

Sources:

Proc. Chem. Soc., 1940, 49.

Biography:

In 1940, Herzfeld was a research student at the Edward Davies Chemistry Labs., Aberystwyth.

Hickmans, Evelyn Marion

Born: 1883.

Educated: University of Birmingham.

B.Sc. (Birmingham), 1905; M.Sc. (Birmingham) 1906; Ph.D. (Birmingham), 1925.

Died: unknown.

Sources:

University of Birmingham, student records.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, pp. 198-199.

Higginbottom, Alice

Born: unknown.

Educated: University of Birmingham.

B.Sc. (Birmingham), 1933; M.Sc. Tech (Manchester), 1935.

Institute of Chemistry: Associate, 1934.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1934, 304.

Register, Roy. Inst. Chem., 1936 and 1938.

University of Birmingham, student records.

Biography:

Higginbottom, whose home town was New Mills, near Stockport, Cheshire, entered University in 1930. By 1948 she was a non-medical bacteriologist at Ayr County Laboratory and gave her address as 30 Wallacefield Rd., Troon, Ayrshire. By 1951 she was a biochemist at the Craig Duncan Hospital, Inverness.

Higginbottom, Constance

Born: 8 November 1905.

Educated: New Mills Secondary School.

University of Manchester.

B.Sc. (Manchester), 1927; M.Sc. (Manchester) 1928; Dip. Bact., 1931.

Chemical Society: Fellow, 1929, nominated by Arthur Lapworth, Frederick Challenger, Arnold T. Peters.

Died: unknown.

Sources:

Proc. Chem. Soc., 1929, 28.

University of Manchester, Student records.

Biography:

Higginbottom's father was an emery manufacturer of Quarry Bank, New Mills, near Stockport. In 1929 she was a technical assistant in a clinical laboratory. Higginbottom then moved to Leeds University to continue research before taking a position at the Hannah Dairy Research Institute, Kirkhill, Ayr, Scotland.

Higginbotham, Lucy

Born: 6 November 1896.

Educated: Penrhos College, Rhos-on-Sea; Manchester High School for Girls.

University of Manchester.

B.Sc. Hons. (Manchester), 1919; M.Sc. (Manchester) 1920.

Chemical Society: Fellow, 1922, nominated by Arthur Lapworth, Frederick Challenger, Leslie R. Ridgway, R.G. Fargher

Died: 22 November 1927 at Berne.

Sources:

Proc. Chem. Soc., 1922, 82

R.G. Fargher, "Lucy Higginbotham", J. Chem. Soc., 1928, 1056

University of Manchester, Student records.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, pp. 180-181.

Higgon, Elsie Seville (see Hooper)

Hill, Ellen Susan

Born: unknown.

Educated: University College, Nottingham (later University of Nottingham)
B.Sc. (London), 1918.

Institute of Chemistry: Associate, 1920.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1920, 143.

Register, Roy. Inst. Chem., 1926.

Biography:

In 1920 Hill was conducting research in Nottingham and gave her address as 30 Rylands Rd. Beeston, Nottinghamshire. By 1926 she was living at Denton, Grantham and working at Beeston Boiler Company as a works chemist.

Hill, Evelyn Mary

Born: unknown.

Educated: King's College, University of London.

B.Sc. (London), 1932; Ph.D. (London), 1934; Dip. Bact. (London)

Institute of Chemistry: Associate, 1932.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1932, 394.

Register, Roy. Inst. Chem., 1936, 1938 and 1948.

Biography:

In 1932, Hill gave her address as 97 Woolwich Rd., Abbeywood, London. By 1938 Hill was a chemical pathologist with Barking Borough Council and gave her address as 55 Bean Rd. Bexleyheath. She was in the same position in 1948.

Hill, Helena Nelson (see Baker)

Hilldrith, Gwendoline Ruth (Mrs. Bird)

Born: 9 July 1923.

Educated: Oakfield House; Blackheath High School, London.

Bedford College, University of London.

Maria Grey Training College.

B.Sc. (London), 1944; Dip.Ed. 1945; PhD. (London), 1951.

Chemical Society: Fellow, 1945, nominated by Mary S.Lesslie, Margaret M. Jamison, D.M. Hall.

Married: Ronald Frederick Bird (March 1952).

Died: unknown.

Sources:

Proc. Chem. Soc., 1945.

Bedford College, student records.

Biography:

Hilldrith was the daughter of J.H.G. Hilldrith of 98, Shooters Hill Road, Blackheath. From 1945 to 1949, she taught at Bromley County School. In 1949 she returned to Bedford to pursue her M.Sc., at the same time becoming a student demonstrator. Later Hilldrith changed to a Ph.D. in organic chemistry under Professor E.E. Turner. On attaining her Ph.D., she accepted a position as assistant lecturer at Royal Holloway College, London.

Hillman, Margaret Elizabeth

Born: unknown.

Educated: King's College, University of London.

B.Sc. Hons. (London), 1944.

Chemical Society: Fellow, 1946, nominated by G.M. Bennett, Gwyn Williams, C.S. Salmon.

Died: unknown.

Sources:

Proc. Chem. Soc., 1945, 72.

Biography:

In 1946 Hillman was employed as a research chemist at the British Rubber Producers Research Association, and she gave her address as 60, Ellerton Road, London.

Hilton, Ardene Claverdon

Born: unknown.

Educated: Chelsea Polytechnic, London.

B.Sc. (London), 1948.

Institute of Chemistry: Associate, 1949.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1949, 306.

Biography:

No details known.

Hilton, Marjorie Lowe

Born: unknown.

Educated: University of Birmingham.

B.Sc. Hons. (Chem.) (Birmingham), 1947; Ph.D.

Chemical Society: Fellow, 1947, nominated by L.L. Bircumshaw, M. Stacey, Fred Smith.

Died: unknown.

Sources:

Proc. Chem. Soc., 1947, 93.

Biography:

In 1947, Hilton was a research student at Birmingham University, working toward her Ph.D. She gave her address as 36, The Chesil, Styvechale, Coventry. By 1958 she was a scientific officer with Glaxo Laboratories, Greenford.

Hindes, Gwendolen

Born: unknown.

Educated: University of Manchester.

B.Sc. (Pharm.) (Manchester), 1921; M.Sc. (Manchester) 1923.

Pharmaceutical Society: Reg. 26 July 1920.

Chemical Society: Fellow, 1921, nominated by Harold B. Dixon, Henry Stephen, F.P. Burt

Died: unknown.

Sources:

Proc. Chem. Soc., 1921, 102.

Biography:

In 1921 Hindes was an analytical chemist and gave her address as Wesley Manse, Barlow Street, Oldham.

Hitchens, Ada Florence Remfry (Mrs. Stephens)

Born: 26 June 1891.

Educated: University of Glasgow.

B.Sc. (Glasgow), 1913.

Institute of Chemistry: Associate, 1918.

Married: John Ross Stephens.

Died: 4 January 1972.

Sources:

Proc. Roy. Inst. Chem., 1919 pt i 34.

M.F. Rayner-Canham and G.W. Rayner-Canham, A devotion to their science: Pioneer women of radioactivity, Philadelphia: Chemical Heritage Foundation, 1997, Chap. 14, p. 152.

M. Ogilvie and J. Harvey, eds., The biographical dictionary of women in science. Pioneering lives from ancient times to the mid 20th century, New York: Routledge, 2000. p. 604.

Register, Roy. Inst. Chem., 1926 to 1938.

Chem. Brit, 1972, 8, 376.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 245, 279-281, 459.

Hocking, Amy Gladys (see Coucher)

Hodgkin, Dorothy Mary (see Crowfoot)

Hoffert, Dorothea Annie (Mrs. Bedson)

Born: 29 January 1892 at Ealing.

Educated: Channing House School, Highgate; Croydon High School; Manchester High School.
Girton College, University of Cambridge.
University of Manchester.
Nat. Sci. Trip., Pt. I. 1913; Dip.Ed. (Manchester), 1914; Ph.D. (London), 1925.

Chemical Society: Fellow, 1922, nominated by William J. Pope, W.H. Mills, Charles T. Heycock, Frances M. Hamer, Ida Smedley Maclean, J.N.Goldsmith

Married: Samuel Phillips Bedson, M.D., D.Sc., F.R.C.P., F.R.S.. (22 January 1926). 3 sons.

Died: unknown.

Sources:

Proc. Chem. Soc., 1922, 46.
Girton College Register 1869-1946, Cambridge:Girton College, 1948, p. 214.
A.W. Downie, "Samuel Phillips Bedson", Bio. Mem. Fellows Roy. Soc., London: Royal Society, 1970, 16, 15-35.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 463-474.

Hogben, Iris Ada (Mrs. Derriman)

Born: 12 August 1920.

Educated: Portsmouth High School.
Bedford College, University of London.
B.Sc. (Gen.) (London), 1941; B.Sc. (Chem.) (London), 1942.

Chemical Society: Fellow, 1943, nominated by W.A. Sexton, W.H. Davis, A.W. Baldwin.

Institute of Chemistry: Associate, 1944.

Married: Derriman

Died: 28 February 2008, age 87.

Sources:

Proc. Chem. Soc., 1943, 5.
Proc. Roy. Inst. Chem., 1944, 118.
Register, Roy. Inst. Chem., 1948.
Bedford College, student records.
RSC News, June 2008, 23.

Biography:

Hogben, daughter of Ernest J. Hogben M.A., Principal of the Calcutta Technical School, Calcutta, entered Bedford College in 1939. She started her career in 1942 as a research chemist with Imperial Chemical Industries, (Dyestuffs Division), Blakeley, Manchester, moving in 1943, with the same position, to Imperial Chemical Industries, (Plastics Division), Welwyn Garden City.

Holgate, Annie Clapham

Born: 5 April 1900

Educated: Mary Datchelor School, Camberwell.
East London College (later Queen Mary College, University of London).
London Day Training College.
B.Sc. Hons. (London), 1922.

Institute of Chemistry: Associate, 1929.

Died: May 1944, age 44.

Sources:

Proc. Roy. Inst. Chem., 1929, 218.
Queen Mary College, student records.
Register, Roy. Inst. Chem., 1932, 1936 and 1938.
J. Roy. Inst. Chem., 1945, 87.

Biography:

Holgate's father was an engineer of East Dulwich, and she entered university in 1918. From 1923 to 1927, she held various temporary positions as science mistress around the country. In 1927 Holgate found permanent employment as chemistry mistress at Abbeydale Secondary School, Sheffield. Keenly interested in the organization of teachers, she was for some years the honorary secretary of the Northern Branch of the Association of Women Science Teachers. In 1932 Holgate returned to London and to the East London College to take a degree in botany and zoology. By 1936 she was a chemistry mistress at the County School for Girls, Mitcham, Surrey, a position she still held in 1938.

Hollens, Winifred Rosa Ashby

Born: 22 May 1909.

Educated: Whitney Grammar School, Oxen.; Selhurst Grammar School for Girls, Croydon.
Bedford College, University of London.
B.Sc. (London), 1931; Ph.D. (London), 1934.

Chemical Society: Fellow, 1931, nominated by James F. Spencer, E.E. Turner, Mary S. Lesslie.

Died: unknown.

Sources:

Proc. Chem. Soc., 1931, 89.
Bedford College, student records.

Biography:

Hollens, daughter of Samuel Hollens, dye works manager of 89, Colliers Water Lane, Thornton Heath, Surrey, entered Bedford College in 1928. After her B.Sc., she took a temporary position as chemistry mistress at Fulham County Secondary School, before returning to Bedford in 1932. This was to take a Ph.D. in physical chemistry under Professor J. Spencer. From 1934 to 1939, Hollens was a demonstrator in the Department of Inorganic and Physical Chemistry at Bedford, and took numerous temporary teaching positions to improve her qualification. In 1939 she obtained a position at Nonsuch School for Girls, Cheam, Surrey.

Hollingworth, Sheila Mary

Born: unknown.

Educated: University of Liverpool.
B.Sc. (Liverpool), 1949.

Chemical Society: Fellow, 1949, nominated by W.B. Whalley, J.C. Roberts, A. McGookin.

Died: unknown.

Sources:

Proc. Chem. Soc., 1949, 124.
University of Liverpool, student records.

Biography:

In 1949 Hollingsworth was a research student at Liverpool University and gave her address as 21, Waverley Road, Liverpool. While at Liverpool she was Lady-Vice President of the Liverpool Chemical Society, in 1948.

Hollingsworth, Dorothy Frances

Born: 1916.

Educated: Armstrong College, Newcastle-on-Tyne (later the University of Newcastle)
B.Sc. (Durham), 1937.

Chemical Society: Fellow.

Awards: O.B.E.

Died: 16 February 1994 age 77.

Sources:

Proc. Chem. Soc.

Chem. Brit. July 1994, 30, 594.

Chem. Brit. January 1995, 31, 63.

Biography:

Hollingsworth entered University in 1933, giving her address as Balfour Hostel, East Suffolk Rd., Edinburgh. While at Armstrong College she was treasurer and/or secretary to many student societies. Hollingsworth then went on to take a Diploma at the Edinburgh Royal Infirmary School of Dietetics. She spent the next 2 years as a dietitian, during that time she worked at the Royal Northern Hospital London. In 1941 she joined the Ministry of Food, where her main tasks were to organise wartime food rationing and to provide information to the public. She stayed until her first retirement in 1970..

Hollis, Winifred 'Freda' (Mrs. Roscoe)

Born: 6 December 1915.

Educated: Queen Mary High School, Liverpool.

University of Liverpool.

B.Sc. Hons. (Chem.) (Liverpool), 1936; M.Sc. (Liverpool) 1939.

Chemical Society: Fellow, 1937, nominated by R.A. Morton, A. Robertson, A. McGookin.

Married: Roscoe.

Died: unknown.

Sources:

Proc. Chem. Soc., 1937, 7.

University of Liverpool, student records.

Lynn P Edwards. Women Students of the University of Liverpool: their lives career and postgraduate lives 1883-1937. PhD Thesis, University of Liverpool, 1999. Ed. Lib Thesis 2153.

Holmes, Edna Elizabeth

Born: unknown.

Educated: Unknown.

Chemical Society: Fellow, 1920, nominated by W.T. Burgess, Robert N. Lennox, A. Teichfeld, James D. Kettle, O. Silberrad.

Died: unknown.

Sources:

Proc. Chem. Soc., 1920, 90.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, p. 81.

Holmes, Gladys Mary (Mrs. Gartshore)

Born: 21 August 1913.

Educated: University of Glasgow.

B.Sc. Hons. (Glasgow), 1934; D.Sc. (London) 1936.

Chemical Society: Fellow, 1936, nominated by E.H. Rodd, P. Chorley, R. Brightman.

Married: John F.C. Gartshore.

Died: unknown.

Sources:

Proc. Chem. Soc., 1936, 78.

University of Glasgow, student records.

Biography:

In 1936 Holmes was a technical assistant at Imperial Chemical Industries (ICI), and gave her address as 587, Clarkston Road, Muirend, Glasgow. In the 1950 Glasgow register her address was Cheadle, Cheshire, with no occupation.

Holmes, Theodora Mary (Mrs. Bailey)

Born: unknown.

Educated: Imperial College of Science and Technology, London.

B.Sc. Hons. (London), 1925; A.R.C.S (Chem.); D.I.C.; Ph.D. (London), 1932.

Chemical Society: Fellow, 1928, nominated by H.B. Baker, M.A. Whiteley, James C. Philip, Jocelyn Thorpe.

Married: Bailey (by 1951).

Died: unknown.

Sources:

Proc. Chem. Soc., 1928, 10.

Royal College of Science Register.

Biography:

Holmes entered Imperial College in 1922. In 1928 she was a research chemistry student at the same institution and gave her address as 24, Clifton Gardens, London. Holmes was secretary and research assistant to Professor A. Smithells, at the Salters' Institute of Industrial Chemistry, Salters Hall, St Swithun's Lane.

Homer, Kathleen (Mrs. Mackay)

Born: unknown.

Educated: Technical College, Manchester.

B.Sc. Tech. Hons. (Applied Chem.) (Manchester), 1946; M.Sc. Tech. (Manchester) 1947.

Chemical Society: Fellow, 1948, nominated by A. Burawoy, R.F. Garwood, G. Holt.

Married: Mackay.

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 13.

Biography:

In 1948 Homer was assistant lecturer in chemistry, Royal Holloway College, and gave her address as 49, Cavendish Road, Heaton Mersey, Stockport.

Homer Annie

Born: 3 December 1882 at West Bromwich.

Educated: King Edward VI High School for Girls, Birmingham.

Newnham College, University of Cambridge.

Nat., Sci. Trip. Pt. I, 1904; Pt.II (Chem.), 1905; M.A. (Cantab.); B.Sc. (Dublin); D.Sc. (Dublin.), 1913.

Institute of Chemistry: Fellow 1918.

Died: 1 January 1953.

Sources:

Proc. Roy. Inst. Chem., 1919 pt.iv, 50.

Newnham College Register, 1871-1971, v. I, 1871-1923, Cambridge: Newnham College, 1979, p. 33.

J. Roy. Inst. Chem., 1953, 77, p. 369.

Register, Roy. Inst. Chem., 1926 to 1948.

M.R.S. Creese, Ladies in the Laboratory: American and British Women in Science 1800-1900, Lanham, Md.: Scarecrow Press, 1998, p. 279.

M. Ogilvie and J. Harvey, eds., The biographical dictionary of women in science. Pioneering lives from ancient times to the mid 20th century, New York: Routledge, 2000. p. 613-4

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, p. 460.

Homfray Ida Frances

Born: unknown.

Educated: University College, University of London.

University of Geneva.

B.Sc. Res. Hons. (London), 1905; D.Sc. (London), 1910.

Died: unknown.

Sources:

Creese.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, p. 100.

Hood, Williamina (Mrs. Manson)

Born: unknown.

Educated: University of Glasgow.

B.Sc. (Glasgow), 1923.

Institute of Chemistry: Associate, 1926.

Married: James M. Manson (1927).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1926, 120; 1927, 66.

Register, Roy. Inst. Chem., 1928.

University of Glasgow, student records.

Biography:

In 1926, Hood was a chemist and gave her address as Primrosebank, Mauchline, Ayrshire. In the 1950 University of Glasgow Register, she was listed as married and living at Milton Mowbray, Leicestershire.

Hooper, Olive Mary

Born: 29 October 1907.

Educated: Herts and Essex High School for Girls, Bishop Stortford.
East London College (later Queen Mary College, University of London).
B.Sc. (London), 1931.

Chemical Society: Fellow, 1946, nominated by H.M. Perry, F.B. Jones, H.J. Strausz.

Institute of Chemistry: Associate, 1931.

Died: 28 January 1973.

Sources:

Proc. Chem. Soc., 1946, 26.
Proc. Roy. Inst. Chem., 1931, 373.
Register, Roy. Inst. Chem., 1932 to 1948.
Queen Mary College, student records.
Chem. Brit., 1974, 10, 37.

Biography:

Hooper's father was a bank clerk of Alfreda Villa, Roydon, Ware, Herts. and she entered university in 1926. In the 1936 and 1938 Registers, she was noted being an assistant chemist with Jane Seymour (Cosmetics) Ltd. On her retirement, she was employed as a research chemist with Stafford Allen and Sons Ltd.

Hooper, Elsie Seville (Mrs. Higgon)

Born: 1880.

Educated: School of the Pharmaceutical Society.
Birkbeck College, University of London.
B.Pharm. 1902; B.Sc. (London), 1905.

Pharmaceutical Society: Reg. 10 July 1901.

Institute of Chemistry: Associate, 1906; Fellow, 1909.

Married: Higgon.

Died: 6 May 1969, age 89 at Devon.

Sources:

Proc. Roy. Inst. Chem., 1906, 26: 1909, 30.
Chem. Brit., 1969, 5, 376.
Pharm. J., June 21 1969, 202, 714.
Women in Pharmacy – unpublished work by Professor E.J. Shellard one time Emeritus Professor of Pharmacognosy, University of London, Chap. II Some Outstanding Women Pharmacists of the late 19th and the early 20th Century.
D.M. Jones, "Progress of Women in Pharmacy", Chemist and Druggist, Nov. 1959, ?, 185-187.
E.J. Shellard, "Some Early Women Research Workers in British Pharmacy", Pharm. Hist., Aug 1982, 12(2), 2-3.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 398, 404, 408-409.

Hopewell, Barbara Mary Constance (Mrs. Hargreaves)

Born: unknown.

Educated: Imperial College of Science and Technology, London.
B.Sc. (London) 1943; A.R.C.S. (Chem.), A.R.I.C.

Institute of Chemistry: Associate, 1946.

Married: Gerald Henry Hopewell B.Sc., A.R.I.C., D.I.C (before 1951)

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1946, 60.
Royal College of Science Register.
Register, Roy. Inst. Chem., 1948.

Biography:

Hargreaves was at Imperial College from 1940 to 1943. After graduation she was employed at Glaxo Laboratories, Greenfield, London. Later Hargreaves gave her address as Bryn Estyn, Chapel Street, Penycae, near Wrexham, North Wales. In 1948 her address was Cilan, Vron Bache, Llangollen, Denbighshire, North Wales.

Hornby, Constance Elaine

Born: unknown.

Educated: Royal Holloway College, University of London.
B.Sc. Hons. (London), 1939.

Chemical Society: Fellow, 1941, nominated by T.S. Moore, Millicent M.T. Plant, Elizabeth D. Johnson.

Died: unknown.

Sources:

Proc. Chem. Soc., 1941, 88.

Biography:

In 1941 Hornby was a chemistry mistress at the County School for Girls, and gave her address as 53, Langley Drive, Wanstead, London.

Horton, Miriam Ivy (Mrs. Kelly)

Born: 23 October 1907.

Educated: Ilford County High School.
East London College (later Queen Mary College, University of London).
B.Sc. Hons. (London), 1927.

Chemical Society: Fellow, 1928, nominated by E.E. Turner, E. Roberts, A. Brewin.

Married: Kelly

Died: unknown.

Sources:

Proc. Chem. Soc., 1928, 10.
Queen Mary College, student records.

Biography:

Horton, daughter of H.W. Horton, engineer of 59, Ingleby Road, Ilford, Essex, entered university in 1924. After graduation she stayed at East London College doing chemical research and was still listed as a student in 1928. In 1963 Horton reported that she was a teacher for Gloucestershire Education.

Howell, Ethel Craig (Mrs. Venables)

Born: 1906.

Educated: Middlesbrough High School.
University of Liverpool.
B.Sc. (Liverpool); M.Sc. (Liverpool).

Institute of Chemistry: Associate 1929.

Married: P.F. Venables, Lecturer/Principal, Royal Salford Technical College (1933). 2 sons, 2 daughters.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1929, 174; 1933, 260.

University of Liverpool, student records.

Register, Roy. Inst. Chem., 1932.

Lynn P Edwards. Women Students of the University of Liverpool: their lives career and postgraduate lives 1883-1937. PhD Thesis, University of Liverpool, 1999. p.181 Ed. Lib Thesis 2153.

Biography:

Howell's father was a secretary. In 1932 Howell was a demonstrator in chemistry at King's College of Household and Social Science, Campden Hill Rd. She later, possibly after her marriage, left chemistry for psychology and held a Research Scholarship in the Education Department of the University of Manchester. By 1969 Howell had become an Educational Psychologist [Nuffield Research Fellow] at the University of Birmingham.

Howieson, Anne Robinson

Born: 1907.

Educated: Royal Technical College, Glasgow (later University of Strathclyde).
B.Sc. (Glasgow), 1929; A.R.T.C.; A.R.C.S.T.

Institute of Chemistry: Associate, 1929.

Awards: M.B.E.

Died: 19 January 1969, age 62

Sources:

Proc. Roy. Inst. Chem., 1929, 270

Register, Roy. Inst. Chem., 1932, 1936, 1938 and 1948.

University of Glasgow, student records.

Chem. Brit. 1969, 5, 376.

Biography:

Howieson was a works chemist with Madderton and Co. Ltd, Loughton, Essex. At some point in time, probably during the Second World War, she was senior experimental officer, Explosives Research and Development Establishment.

Hughes, Ann

Born: unknown.

Educated: unknown.

Chemical Society: Fellow, 1948, nominated by R.S. Airs, M.A. Birch, B.J. Donevan.

Institute of Chemistry: Associate, 1945

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 44
Proc. Roy. Inst. Chem., 1945, 130.
Register, Roy. Inst. Chem., 1948.

Biography:

In 1948 Hughes was an assistant chemist with Shell Refining and Marketing Company Ltd. and she gave her address as 26, Moat Avenue, Ellsmere Port, Wirral.

Hughes, Kathleen Harriet

Born: unknown.

Educated: Trinity College, Dublin
Queens University, Belfast
B.A. (Dublin), 1916; M.Sc. (QUB)

Chemical Society: Fellow, 1925, nominated by Henry Wren, Theophilus Harper, James W. Porter.

Institute of Chemistry: Associate, 1921.

Died: unknown.

Sources:

Proc. Chem. Soc., 1925, 9.
Proc. Roy. Inst. Chem., 1921.
Register, Roy. Inst. Chem., 1936, 1938 and 1948.

Biography:

Hughes became a Scholar of Trinity College in 1915. During 1917 to 1920 Hughes was a temporary assistant chemist at the Government Laboratory, Strand, London. In 1920 she accepted a position as lecturer in pure and applied chemistry at the Municipal College of Technology, Belfast, and gave her address as 8, Ormiston Drive, Knock, Belfast.

Hughes, Marion

Born: unknown.

Educated: B.Pharm. (Wales).

Institute of Chemistry: Associate, 1946.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1946, 116.
Register, Roy. Inst. Chem., 1948.

Biography:

In 1948 Hughes gave her address as 74 Wembley Park Drive, Wembley, London.

Hughes, Nesta Eurddolen (Mrs. Jones)

Born: unknown.

Educated: University of Liverpool.
B.Sc. (Liverpool), 1924; D.Sc. (London) 1926.

Institute of Chemistry: Associate, 1924.

Married: Robert Jones.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1924, 351 .
University of Liverpool, student records.

Biography:

In 1924 Hughes gave her address as 8, Croxteth Grove, Sefton Park, Liverpool. At some later date she moved to North Wales.

Hui, Wai Haan

Born: unknown.

Educated: University of Hong Kong.
B.A. (Hong Kong).

Chemical Society: Fellow, 1949, nominated by J.E. Driver, E. Collins.

Died: unknown.

Sources:

Proc. Chem. Soc., 1949.

Biography:

In 1949, Hui was a demonstrator in the Chemistry Department of the University of Hong Kong.

Huish, Diana (see Lockhart)

Hullah, Jean Irene

Born: unknown.

Educated: unknown.

Chemical Society: Fellow, 1949, nominated by A.N. Edmondson, R.E. Bache, R. Sutcliffe.

Institute of Chemistry: Associate, 1948.

Died: unknown.

Sources:

Proc. Chem. Soc., 1949, 21.
Proc. Roy. Inst. Chem., 1948, 347.

Biography:

In 1949 Hullah was a research chemist and gave her address as 43, Langdale Road, Lancaster.

Human, Lilian Agnes

Born: unknown.

Educated: unknown.

Chemical Society: Fellow, 1944, nominated by J.J. Ratcliffe, F. Bryans, C.G. Smith.

Died: unknown.

Sources:

Proc. Chem. Soc., 1944, 15.

Biography:

In 1944 Human was the Librarian at the South-East Essex Technical College, Loughbridge Road, Dagenham. She was an Associate of the Library Association, and gave her address as 26, Ventnor Gardens, Barking.

Humphrey, Edith Ellen

Born: 11 September 1875.

Educated: North London Collegiate School for Girls.

Bedford College, University of London.

B.Sc. (Phys. & Chem.) (London), 1897; Ph.D. (Zurich) 1901.

Chemical Society: Fellow, 1933, nominated by J.T. Hewitt, R. Lessing, F.S. Aumonier.

Died: 1977.

Sources:

Proc. Chem. Soc., 1933, 25.

I. Bernal, "Edith Humphrey", *The Chemical Intelligencer*, 1999, 5(2), 28-31.

L. Bentley, "Educating Women: A Pictorial History of Bedford College, University of London 1849-1985", Alma Publishing in conjunction with Royal Holloway, 1991, 84.

University of London, student records.

R. Brandon, "Going to meet Mendeleev", *New Scientist*, Sept. 11 1975, 593.

G.B. Kauffman, "Molecule of the month: Historically significant coordination compounds XXXIX. Spontaneous resolutions, part I: Werner's missed opportunities", *Chem 13 News*, November 2002, 6-7.

Humphrey, Edith. "The University of Zurich", *Bedford College Magazine*, no 42 June 1900 ref # AS200/3/42.

Archives, Royal Holloway (University of London) p25-28.

M.C. Haines, *International Women in Science: A biographical dictionary to 1950*.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, pp. 68, 77, 148-150.

Hunter, Margaret Joan

Born: unknown.

Educated: Royal Technical College, Glasgow (later University of Strathclyde).

B.Sc. (Glasgow), 1943; Ph.D. (Glasgow), 1948; A.R.T.C.

Institute of Chemistry: Associate, 1943

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1943, 195.

Register, Roy. Inst. Chem., 1948.

University of Glasgow, student records.

Biography:

In 1948 Hunter was an assistant lecturer in the chemistry department at the Royal Technical College, Glasgow and she gave her address as 6 Kingsacre Rd., Glasgow.

Hurst, Winifred Grace (Mrs. Wright)

Born: 6 June 1891.

Educated: King Edward VI High School for Girls, Birmingham.

Bedford College, University of London.

Imperial College of Science and Technology, London.

B.Sc. (London), 1912; D.I.C (Chem.), 1916; Ph.D. (Durban), 1954.

Chemical Society: Fellow, 1940, nominated by J. Kenyon, C.W. Davis, A. Houston.

Married: A. John Wright, B.A. (Cantab) (1915). 3 daughters.

Died: 8 September 1978, age 87.

Sources:

Proc. Chem. Soc., 1940.

Natal Mercury, Durban, obit.

The Daily News, Durban, Monday January 27, 1964.

Royal College of Science Register

Chem. Brit., 1979, 15, 5.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 455-456.

Ingold, Edith Hilda (see Usherwood)

Ireland, Sophy M. (See Harrison)

Irlam, Brenda Mary

Born: unknown.

Educated: University College, University of London.
B.Sc. (London), 1948.

Institute of Chemistry: Associate, 1948.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1948, 232.

Biography:

Irlam entered University College in 1945 as a Tuffnell Scholar.

Isaacs, Nettie (Mrs. Naschen)

Born: 5 May 1901.

Educated: East London College (later Queen Mary College, University of London).
B.Sc. Hons. (London), 1923.

Institute of Chemistry: Associate, 1924.

Married: Naschen (1929)

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1924, 208; 1929, 273.

Queen Mary College, student records.

Register, Roy. Inst. Chem., 1926 and 1928.

Biography:

Isaacs, daughter of W.F. Isaacs, secretary of 53, Heathland Road, London entered University in 1918. She took longer than normal to complete her degree as she had to withdraw due to illness in 1922. By 1924 Isaacs was assistant chemist to Dr. J.N. Goldsmith, F.I.C., a position she still held in 1928.

Ison, Edith Margaret

Born: unknown

Educated: University College, Nottingham (later University of Nottingham).
B.Sc. (London), 1900.

Institute of Chemistry: Associate, 1920.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1920, 269.

Register, Roy. Inst. Chem., 1926 to 1938.

Biography:

In 1920 Ison was employed at Boots Ltd., Nottingham. Later she took a position as science mistress at the County Secondary School, Putney, a position she still held in 1936. By 1938, Ison was a chemistry mistress at the County Secondary School, Mayfield. Throughout this time her address was 27 Spencer Rd., Putney.

Jack, Kathleen Martin (Mrs. Watson)

Born: 1913.

Educated: University of Edinburgh.

B.Sc. (Edinburgh), 1935; Ph.D. (Edinburgh) 1937.

Institute of Chemistry: Associate, 1947.

Awards: M.B.E.

Married: Watson (1953).

Died: 1 March 2003, at Dundee, age 90.

Sources:

Proc. Roy. Inst. Chem., 1947, 268; 1953, 556.

Register, Roy. Inst. Chem., 1948.

University of Edinburgh, student records.

University of Dundee calendars.

University of Edinburgh Journal, 2003, 41, 136.

Biography:

Between 1938 and 1939, Jack was a Lecturer and Demonstrator at King's College for Women. She then taught at Morgan Academy before becoming a lecturer at Queen's College (later the University of Dundee) from 1947 to 76. Jack was an enthusiastic mountaineer, being President of the Grampian Club and editor of the Grampian club bulletin for 17 yrs. She was also a member of the Scottish Arctic Club, the Scottish ornithological club and the Scottish Countryside Activities Council (SCAC) of which she was secretary from 1978-91 and later honorary vice-president and honorary president. She was the SCAC's representative on the Scottish office Forum for the environment and on the working party that advised the countryside commission for Scotland on the preparation of the amending legislation on the countryside (Scotland) Act of 1981.

Jackman Agnes (see Browne)

Jackman, Barbara Anne (Mrs. Ambrose)

Born: unknown.

Educated: University College, University of London.
B.Sc. (London), 1941.

Chemical Society: Fellow, 1943, nominated by Leslie H. Lampitt, E.B. Hughes, G.E. Forstner.

Institute of Chemistry: Associate, 1941.

Married: Douglas Ambrose, research chemist, British Oxygen Co. Ltd. (1946).

Died: unknown.

Sources:

Proc. Chem. Soc., 1943, 12.

Proc. Roy. Inst. Chem., 1941, 290; 1946, 118.

Register, Roy. Inst. Chem., 1948.

Biography:

In 1943 Jackman was an assistant chemist at J.C. Lyons and Sons Ltd., and she gave her address as 2 Bishops Avenue, Bromley. She was still in this position in 1948.

Jackson, Beatrice Blythe

Born: unknown.

Educated: Queen's University, Belfast.
B.Sc. (Belfast).

Institute of Chemistry: Associate, 1943

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1943, 226.

Register, Roy. Inst. Chem., 1948.

Biography:

In 1948 Jackson gave her address as Islandreagh House, Duradry, Co., Antrim.

Jackson, Elisabeth Maude

Born: unknown.

Educated: Royal Holloway College, University of London
B.Sc. (London).

Chemical Society: Fellow, 1939, nominated by J. Masson Gulland, E.B.R. Prideaux, F.R. Bradbury, John C. Roberts.

Died: unknown.

Sources:

Proc. Chem. Soc., 1939, 64.

Biography:

In 1939 Jackson was an assistant chemist at J.C. Lyons and Sons Ltd. and gave her address as 25, Hornton Street, London.

Jackson Kathleen Mary

Born: unknown.

Educated: Northern Polytechnic, London.
B.Sc. Hons. (London), 1946.

Chemical Society: Fellow, 1949, nominated by C.K. Ingold, D.J. Barke, R.D. Hughes.

Institute of Chemistry: Associate, 1949.

Died: unknown.

Sources:

Proc. Chem. Soc., 1948, 140.

Proc. Roy. Inst. Chem., 1949, 53.

Biography:

In 1948, Jackson was a research student at University College, London, and gave her address as 1 Dalmeny Ave., London.

Jackson, Kathleen Olive Patricia

Born: unknown.

Educated: University College, Exeter (later University of Exeter).

B.Sc. (Chem.) (London), 1932; Ph.D. (London), 1934.

Chemical Society: Fellow, 1933, nominated by H.T.S. Britton, R. King, Herbert Henstock.

Died: unknown.

Sources:

Proc. Chem. Soc., 1933, 6.

Biography:

In 1933 Jackson was a research student at University College, Exeter, and gave her address as Little Orchard, Cofton, Starcross, South Devon.

Jacobs, Barbara Rosamund (Mrs. Judd)

Born: 31 March 1920.

Educated: St. John's High School, Newport; Newport Technical College (part time)

Bedford College, University of London.

B.Sc. (London), 1941.

Chemical Society: Fellow, 1943, nominated by George Alston Rowe, Philip V. Youle, E.H. Rodd, D.W. Stammers.

Institute of Chemistry: Associate, 1943.

Married: Judd (1946 or 1947). 2 daughters.

Died: unknown.

Sources:

Proc. Chem. Soc., 1943, 12

Proc. Roy. Inst. Chem., 1943, 94.

Register, Roy. Inst. Chem., 1948.

Bedford College, student records.

Biography:

Jacobs, daughter of Cecil Jacobs, draper, of 60 Oakfield Rd., Newport, Monmouthshire, entered Bedford College in 1938. After graduation she started her career with Imperial Chemical Industries (ICI) (Dyestuffs), Blakeley, Manchester, but by 1943 was working at Courtaulds Institute of Biochemistry. In 1945 Jacobs returned to Bedford College as a research assistant to Professor E.E. Turner. She left after one year to be married, and entered retail pharmacy, running three shops while raising two daughters. In 1957 Jacobs started teaching part-time at Preston Manor, a girls' private school in Wembley, then St. Hilda's, Bushey, and various other schools. She taught at all levels, plus medical laboratory techniques to catering students. By 1967 Jacobs was teaching at Harrow Technical College and doing some demonstrator work at Bedford College. From there, in 1969, she went to Roedean School. In 1980 she wrote to Bedford ".gave up

teaching some years ago owing to ill health (diabetics) and have for sometime been working in Barnet, in charge of the Major Company awards branch”.

Jagger, Doreen May

Born: unknown.

Educated: King Edward VI High School for Girls, Birmingham.

University of Leeds.

B.Sc. (Leeds), 1943.

Chemical Society: Fellow, 1944, nominated by W.A. Wightman, J.W. Baker, Frederick Challenger.

Died: unknown.

Sources:

Proc. Chem. Soc., 1944, 37.

Biography:

In 1944, Jagger was studying for a Diploma in Education and gave her address as Mervale, Blairsville Gardens, Bramley, Leeds.

James, Ethel Mary

Born: 10 February 1898.

Educated: Clapham High School, London.

Bedford College, University of London.

B.Sc. Hons. (Chem.) (London), 1920; M.Sc. (London), 1926.

Chemical Society: Fellow, 1922, nominated by Holland Crompton, J.F. Spencer, M.S. Crewdson.

Died: unknown.

Sources:

Proc. Chem. Soc., 1922, 25.

Bedford College, student records.

Biography:

James, daughter of J. James, valuer-inland revenue department, entered Bedford College in 1916. In 1920 James took a teaching position as assistant science mistress, teaching chemistry, at Clapham County Secondary School, and gave her address as 1 Rusham Rd., Balham, London. In 1932 she was assistant science mistress at East Sheen County Secondary School for Girls.

James, Gwyneth Martha (Mrs. Waind)

Born: unknown.

Educated: University College, Aberystwyth, Wales.

St Annes, University of Oxford.

M.Sc. Hons. (Wales), 1947; D.Phil. (Oxon), 1951.

Chemical Society: Fellow, 1949, nominated by E.J. Bowen, R.F. Barrow, Edward Gelles.

Married: Waind.

Died: unknown.

Sources:

Proc. Chem. Soc., 1949, 64.

Biography:

James was a Lecturer at Queen Mary College.

James, Sybil Pauline (Mrs. Luckett)

Born: unknown.

Educated: University of Birmingham.

B.Sc. Hons. (Birmingham), 1937; Ph.D. (Birmingham).

Chemical Society: Fellow, 1943, nominated by M Stacey, F Smith, Stanley Peat.

Married: Luckett.

Died: unknown.

Sources:

Proc. Chem. Soc., 1943, 54.

Biography:

In 1943 James was a research chemist at the University of Birmingham.

Jamison, Margaret Manderson (Mrs. Harris)

Born: 3 February 1914.

Educated: Putney High School

Bedford College, University of London.

B.Sc. Sp. (Chem.) (Phys.) (London) 1935; Ph.D. (London) 1937.

Chemical Society: Fellow, 1937, nominated by E.E. Turner, James F. Spencer, Mary S. Lesslie.

Married: Rev. H.L. Harris, Master at Harrow School (1945). 2children.

Died: 26 January, 2002, age 87.

Sources:

Proc. Chem. Soc., 1937, 7.

Chem. Brit., 2002, 38, 62.

M.M. Harris, Ch. 4, "Chemistry", in J.M. Cook, ed., Bedford College University of London: Memories of 150 years, Royal Holloway and Bedford New College, 2001.

Personal communication, (letter), M.M. Jamison (Harris), Bedford College University of London.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 142, 144, 145, 513.

Jarman, Eileen Beryl

Born: unknown.

Educated: Acton Technical College.

B.Sc. (London), 1949.

Institute of Chemistry: Associate, 1949.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1949, 553..

Biography: No details known.

John, Ann

Born: unknown.

Educated: B.Sc. (Wales).

Institute of Chemistry: Associate, 1925.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1925, 64.

Register, Roy. Inst. Chem., 1926, 1928, 1932 and 1936.

Biography:

In 1925 John gave her address as Spudder's Bridge, Trinsaran, Kidwelly, Llanelly, South Wales. In the 1926 to 1936 Registers, John was listed as being a chemistry mistress at Gwendraeth Valley Secondary School, Llanelly.

John, Margaret Elizabeth

Born: 15 January 1898

Educated: Howell's Glamorgan County School for Girls, Llandoff, Cardiff.

Bedford College, University of London.

B.Sc. (London), 1921; M.Sc. (London). 1926.

Chemical Society: Fellow, 1924, nominated by J.F. Spencer, H. Crompton, J. Stewart.

Died: unknown.

Sources:

Proc. Chem. Soc., 1924, 96.

Bedford College, student records.

Biography:

John, daughter of J.H. John, farmer, of Portherry, near Barry, Glamorgan, entered Bedford College in 1917. After graduation she took a teaching position at King's High School for Girls, Warwick. In 1924 John returned to Bedford to take a M.Sc. in inorganic chemistry with Professor J. Spencer. After an illness, she continued her M.Sc. work part-time and still did some teaching.

Johnson, Edith Florence

Born: 20 June 1914.

Educated: University College, University of London.

B.Sc. Hons. (London), 1935.

Chemical Society: Fellow, 1933, nominated by W. Rogie Angus, Henry Terrey, L.F. Gilbert.

Died: unknown.

Sources:

Proc. Chem. Soc., 1933, 45.

Biography:

In 1933 Johnson was still a student and gave her address as 215, Milkwood Road, Herne Hill, London.

Johnson, Elizabeth Dent

Born: 26 November 1916

Educated: Private School, Bishop Auckland; St. Hilda's, Whitby.

Royal Holloway College, University of London.
B.Sc. Hons. (London), 1938; M.Sc. (London), 1939; Ph.D. (London) 1941.

Chemical Society: Fellow, 1941, nominated by T.S. Moore, M.M.T. Plant, A. Eric J. Vickers.

Died: unknown.

Sources:

Proc. Chem. Soc., 1941, 12.

Royal Holloway College, student records.

Biography:

Johnson, daughter of James K. Johnson, land agent of The Rookery, Rushyford, Ferry Hill, Co. Durham entered Royal Holloway College in 1934. In 1941 she was working as a research chemist with Imperial Chemical Industries (ICI) Ltd., and residing at 70 Cavrel Road South, Darlington.

Johnson, Ethel Muriel

Born: 4 March 1910.

Educated: Manchester High School for Girls.

University of Manchester.

B.Sc. (Manchester), 1933; M.Sc. Tech. (Manchester) 1934.

Institute of Chemistry: Associate, 1934.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1934, 304.

Register, Roy. Inst. Chem., 1936, 1938 and 1948..

University of Manchester, student records.

Biography:

Johnson's father was a consulting engineer of 7 Trafalgar Rd., Salford. In 1936 Johnson was employed as a assistant chemist with Rowntree and Co. Ltd., and living at 86 Micklegate, York. By 1948 she was residing at 11 Lovelace Rd., London and working as an assistant chemist with Thomas McLachlan & Partners, Public Analysts and Consulting Chemists.

Johnson, Mary (Mrs. Clark)

Born: 14 January 1895 at Sunderland.

Educated: Bede College School, Sunderland.

Newnham College, University of Cambridge.

Nat. Sci. Trip. Pt I, 1916, Pt II (Chem.) 1917; B.A. (Cantab).

Chemical Society: Fellow, 1920, nominated by W.J. Pope, C.T. Heycock, W.H. Mills.

Institute of Chemistry: Associate, 1919

Married: Leslie Marshall Clark, 1897-1953 (27 February 1926). 2 daughters.

Died: 26 April 1969 at Cambridge

Sources:

Proc. Chem. Soc., 1920, 90.

Proc. Roy. Inst. Chem., 1919 pt i, 35

Newnham College Register 1871-1971, v. I. 1871-1923, Cambridge: Newnham College, 1979, p. 37.

Newnham College Archives. c.v. supplied by Margaret Spufford, (daughter), 1998.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, p. 233.

Johnston, Dorothy May Kerr

Born: unknown.

Educated: National University of Ireland
B.Sc.(N.U.I); A.R.C.Sc.I

Institute of Chemistry: Associate, 1922.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1922, 357

Register, Roy. Inst. Chem., 1926, 1928, 1932, 1936, 1938 and 1948.

Biography:

In 1922 Johnston gave her address as 25 Percy Place, Dublin. By 1926 Johnston was living in Plymouth, Devon. It was not until the 1932 through 1938 Registers that it was noted she was a science and mathematics mistress, at West Band School, Bideford, Devon. By 1948 she had moved to St. George's School, Ascot, Berkshire.

Johnston, Hilda Ellen

Born: 10 April 1912 at Kennington, London.

Educated: Brondesbury and Kilburn High School.
University College, University of London.
B.Sc. (London), 1933; Dip.Ed. (London), 1935.

Chemical Society: Fellow, 1934, nominated by C.K. Ingold, C.L. Wilson, J.N.E. Day.

Association of University College Chemists: Member.

Died: 1972.

Sources:

Proc. Chem. Soc., 1934, 6.

Biography:

After completing her B.Sc. Johnston remained at University College with the Catherine Maude Pearce Scholarship for most distinguished third year student wishing to continue for fourth year. Her research, with Professor R.J.W. Le Fèvre, was on the nitration of di-p-tolyl- and di-p-chlorophenyl-phenylpyrylium perchlorates. She later turned to teaching, and in 1934 gave her address as 126, Clifford Gardens, Kensal Rise. Johnston taught chemistry and science in numerous schools over the following years, and in 1966 took the position of Head of the Science Department in a secondary school.

Johnston, Marjorie Doreen (Mrs. Eastham)

Born: 3 June 1902.

Educated: Salt Schools, Shipley.
University of Manchester.
B.Sc. (Manchester), 1924.

Institute of Chemistry: Associate, 1924.

Married: Eastham (1927).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1924, 305; 1927, 247.

University of Manchester, student records.
Register, Roy. Inst. Chem., 1926, 1928, 1938 and 1948.

Biography:

Johnston's father was a merchant of Farfield Road, Shipley, Yorkshire. In 1926 Johnston was placed in charge of the analytical laboratory at Chivers & Sons, Histon. In 1928, after marriage, she was listed as a food analyst with an address of Allandale Longton, Sydenham. Johnston remained at this address until 1938 when the register recorded her as a analyst with an address of 21 Kilburn, East Newport, Fifeshire, Scotland. In 1948 she was listed as residing at 11 Arnhall Dr., Ninewells, Dundee, and formerly an analytical and research chemist at the Paint Research Station.

Joiner, Clarice Evelyn Mabel (Mrs. Tatlow)

Born: 5 May 1925.

Educated: Sutton Coldfield High School.

University of Birmingham.

B.Sc. Hons. (Chem.) (Birmingham), 1946; Ph.D. (Chem.) (Birmingham), 1950.

Institute of Chemistry: Associate, 1946.

Married: Dr. J.C. Tatlow.

Died: Unknown

Sources:

Proc. Roy. Inst. Chem., 1946, 293.

University of Birmingham, student records.

Biography:

After graduation in 1946 Joiner took a position as scientific officer at the Atomic Energy Department of the Ministry of Supply before returning to university to undertake research in chemistry for a Ph.D. under special regulations, with Professor M. Stacey. In 1950 Joiner continued research under her spouse, J.C. Tatlow.

Jones, Dorothy Ada (Mrs. Collins)

Born: 1915.

Educated: University of Liverpool.

M.Sc. (Liverpool).

Chemical Society: Fellow, 1949, nominated by J.E. Driver, E. Collins.

Institute of Chemistry: Associate, 1949.

Married: Collins.

Died: 2 October 2003, age 87.

Sources:

Proc. Chem. Soc., 1949, 81.

Proc. Roy. Inst. Chem., 1949, 553.

Chem. Brit., 2003, 39, 71.

Biography:

In 1949 Collins was Lecturer in the Chemistry Department, University of Hong Kong, a position she held to retirement.

Jones, Eveline

Born: 16 July 1892.

Educated: Queen Mary High School, Walsall.

University of Birmingham.
B.Sc. (Birmingham), 1915; M.Sc. (Birmingham).

Institute of Chemistry: Associate, 1924.

Died: 11 March 1969.

Sources:

Proc. Roy. Inst. Chem., 1924, 244.

Chem. Brit., 1969, 5, 283.

Biography:

No details known.

Jones, Grace Irene (Mrs. Pardoe)

Born: 1908.

Educated: University of Birmingham.

B.Sc. Hons. (Biochem.)(Birmingham); Ph.D.

Institute of Chemistry: Associate 1929, Fellow, 1947.

Married: Pardoe.

Died: 8 November 1996, age 88.

Sources:

Proc. Roy. Inst. Chem., 1929, 218; 1947, 215.

Register, Roy. Inst. Chem., 1932, 1936, 1938 and 1948.

Chem. Brit. 1997, 33, 52.

Biography:

In 1929 Jones gave her address as Cotterstock, Howard Road, Kings Heath, Birmingham. By 1932 she was Manager of the Ozone Chemical Co. Ltd., Wheelock Sandbach, while by 1936 Jones was Manager and Chemist at A.W. Prentice Ltd., Liverpool. Jones is listed in the 1938 Register in her married name with an address of 25 Chowringhee, Calcutta. The 1948 Register has her employed at British Paints (India) Ltd, 12 Mission Row, India, as a consulting chemist. Later in life she became a consultant in immunology with the World Health Organisation. In 1965 she became a research fellow at the University of Birmingham.

Jones, Hilda Mabel Enid

Born: unknown.

Educated: High School for Girls, Polwithan, Penzance.

Bedford College, University of London.

B.Sc. Hons.(London), 1925.

Chemical Society: Fellow, 1926, nominated by J.F. Spencer, H. Crompton, J. Stewart.

Died: unknown.

Sources:

Proc. Chem. Soc., 1926, 66.

Bedford College, student records.

Biography:

In 1926 Jones gave her address as 3, Holy Lodge Gardens, Highgate, London.

Jones, Margaret Mimie (see Manson)

Jones, Nesta Eurddolen (see Hughes)

Jones, Winifred Osman (Mrs. Walder)

Born: unknown.

Educated: Bristol University.

B.Sc. (Bristol); Dip. Bact. (Bristol).

Institute of Chemistry: Associate, 1939.

Married: Walder (1941).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1939, 113; 1941, 130.

Register, Roy. Inst. Chem., 1948.

Biography:

In 1939, Jones gave her address as St. Dunstan's, Calne, Wiltshire. In the 1948 Register, she is reported as having been formerly a research chemist, Imperial Chemical Industries (ICI), Billingham, Division.

Jordan, Eileen Constance

Born: 27 January 1918

Educated: Luton High School.

Bedford College, University of London.

B.Sc. (Zoology) (London), 1939; Dip.Ed. (London), 1940; M.Sc. (Zoology) (London), 1951.

Chemical Society: Fellow, 1937, nominated by James F. Spencer, Margaret H.C. Wiseman., Corona G. Trew, W.R.A. Hollens.

Died: unknown.

Sources:

Proc. Chem. Soc., 1937, 39.

Bedford College, student records.

Biography:

Jordan, daughter of H. Malcolm Jordan, civil and mechanical engineer of 25, Culverhouse Road, Luton, Bedfordshire, entered Bedford College in 1936. While a student, she was secretary/treasurer of the table tennis club. After graduation, Jordan took a teaching diploma and then held a series of teaching positions: 1940, Royal Naval School, Twickenham; 1941 to 1944, Stowe School, Buckinghamshire; 1944 to 1948 Radley College (boys) in Scotland and finally in 1948, Northwood School, St. Helens. In 1949 Eileen returned to Bedford to take an M.Sc. in zoology after which she became Lecturer in biology at Bolton Technical College. In 1956 she was head of women's subjects at Salisbury College of Further Education.

Judd, Barbara Rosamund (see Jacobs)

Judd, Hilda Mary

Born: unknown.

Educated: Imperial College of Science and Technology London..

B.Sc. (London), 1904; A.R.C.S. (Chem.) 1904; D.I.C. (Biochem.) 1918.

Chemical Society: Fellow, 1920, nominated by William A. Tilden, M.O. Forster, James C. Philip, Jocelyn Thorpe, Arnold Stevenson, G.A.R. Kon.

Institute of Chemistry: Associate, 1918.

Died: unknown.

Sources:

Proc. Chem. Soc., 1920, 90.

Proc. Roy. Inst. Chem., 1918 pt. iv, 55v.

Royal College of Science Register

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, p. 462.

Judge, Bertha Edith (Mrs. Wood)

Born: 21 September 1913 at King's Lynn, Norfolk.

Educated: Morley Memorial School, Cambridge; County Girls' High School.

Newnham College, University of Cambridge.

Nat. Sci. Trip. Pt I 1935; B.A. (Cantab.); M.A. (Cantab), 1944.

Chemical Society: Fellow, 1942, nominated by Leslie H. Lampitt, E.B Hughes, P. Bilham.

Institute of Chemistry: Associate, 1942.

Married: John Harris Wood, *d.* 1970, (14 September 1957).

Died: unknown.

Sources:

Proc. Chem. Soc., 1942, 34.

Proc. Roy. Inst. Chem., 1942, 140.

Newnham College Register 1871-1971 vol. II 1924-1950, Cambridge; Newnham College, 1979, p 106.

Biography:

Judge, daughter of Stephen Henry Judge, insurance office manager, and Clara Cooke, entered Newnham College in 1932.

During the years 1935 to 1959 Judge was a research chemist with J.C. Lyons & Co. Laboratories, London.

Judson, Joyce Muriel

Born: unknown.

Educated: University College, University of London.

B.Sc. (London), 1942.

Chemical Society: Fellow, 1943, nominated by K.B. Wilson, A.F. Crowther, Francis Irving.

Died: unknown.

Sources:

Proc. Chem. Soc., 1943, 34.

Biography:

In 1943 Judson was a research chemist with an address of 5 St. Mary's Rd., Crumpsall, Manchester.

Kahn, Doris Eleanor

Born: 26 April 1907.

Educated: Gothic House School, South Hampstead; South Hampstead High School.
Bedford College, University of London.
B.Sc. (Gen.) (London), 1928; B.Sc. (Chem.) (London) 1929.

Institute of Chemistry: Associate, 1929.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1929, 218.
Register, Roy. Inst. Chem., 1948.
Bedford College, student records.

Biography:

Kahn was the daughter of A. Kahn, an H.M. Inspector of Schools, of 26, Fairhazel Gardens, London. In the 1948 Register it was noted that Kahn was a science mistress at Henrietta Barnett School.

Kahan, Zelda (Mrs. Coates)

Born: unknown.

Educated: King Edward VI High School for Girls, Birmingham.
Yorkshire College, Victoria University (later University of Leeds).
B.Sc. (Yorks), 1905.

Married: J.E. Coates (1914).

Died: unknown.

Sources:

University of Manchester, student records.
Bedford College, staff records.
University College, London calendars.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, p. 78.

Kamil, Zenab (Mrs Hassan)

Born: 19 April 1903.

Educated: Italian Missionary School, Khartoum; English Missionary School, Khartoum; Sanied Training College, Cairo, Egypt; Clapham High School, London.
Bedford College, University of London.
B.Sc. (London), 1929 or 1930.

Chemical Society: Fellow, 1928, nominated by James F. Spencer, Ivy W. Rogers, Mollie Barr.

Married: Z.K. Hassan (1938 or earlier)

Died: unknown.

Sources:

Proc. Chem. Soc., 1928, 105.
Bedford College, student records.

Biography:

Kamil, daughter of S.C. Kamil, Director of Egyptian Education, entered Bedford College in 1925. In 1930 she was Tutor in the Faculty of Science, The Egyptian University, Abbasia, Cairo.

Karley, Beryl

Born: unknown.

Educated: unknown.

Chemical Society: Fellow.

Died: 19 April 2003, age 90

Sources:

Proc. Chem. Soc.

Chem. Brit., August 2003, 39, 39.

Biography:

Karley was later head of science at Matlock College of Education.

Karsten, Gertrude M.

Born: unknown.

Educated: B.Sc. (London).

Chemical Society: Fellow, 1947, nominated by Ernest A. Pokorny, D.J.G. Ives, W.M. Wolf.

Died: unknown.

Sources:

Proc. Chem. Soc., 1947, 74.

Biography:

In 1947, Karsten born in Czechoslovakia, was a works and research chemist with Chemo-Metals (London), Ltd. and she gave her address as 126 Cholmley Gardens, London.

Kayser, Helen Albina (Mrs. Loveday)

Born: 26 October 1902.

Educated: Seminary, Cape Town, S.A.; North London Collegiate School for Girls.

Royal Holloway College, University of London.

B.Sc. (London), 1924.

Institute of Chemistry: Associate, 1924.

Married: Loveday. 4 sons, 1 daughter.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1924, 244.

Royal Holloway College, student records.

Biography:

Kayser was the daughter of John B. Kayser, solicitor of Cape Town, South Africa, and Mrs. A. Kayser of Earls Court Square, London. After graduation, she went to Pretoria, South Africa, where she taught chemistry and science in a High School for three years before marrying.

Kellett, Alice Corfield

Born: 1 March 1906 at Manchester.

Educated: Salford High School.

University of Manchester.

Girton College, University of Cambridge.

B.Sc. Hons., (Chem.) (Manchester), 1927; London Teachers' Dip. 1928; M.Sc. (Manchester) 1929; Nat. Sci. Trip., Pt. I, 1936; M.A. (Cantab) 1940.

Chemical Society: Fellow, 1928, nominated by Arthur Lapworth, R. Robertson, Frederick Challenger, Arnold T. Peters.

Died: Unknown.

Sources:

Proc. Chem. Soc., 1928, 49.

Girton College Register, 1867-1946, Cambridge; Girton College, 1948, p 478.

Biography:

Kellett was the daughter of Ernest Kellett, B.Sc., headmaster, and Alice Eckersley of 103 Claremont Ed., Pendleton, Manchester. After her initial degree at Manchester she acquired a teaching diploma from the University of London before returning to Manchester for her M.Sc. in organic chemistry. From 1929 to 1930, Kellett taught at the College of Domestic Economy, University of Manchester. In 1930 she accepted a position as chemistry mistress, at King's Norton Secondary School. In 1933 Kellett resigned and entered Girton College to improve her education. After graduation in 1936 she was senior biology mistress at Chelmsford High School, before accepting a position as Lecturer in biology and science at Sedgley Park Training College, Prestwich, in 1937, a post she still held in 1946.

Kelly, Mary Elizabeth

Born: unknown.

Educated: National University of Ireland
B.Sc. (N.U.I).

Chemical Society: Fellow, 1938.

Died: unknown.

Sources:

Proc. Chem. Soc., 1938, 50.

Biography:

In 1938 Kelly was a science mistress at Assumption Convent, Sidmouth.

Kelly, Miriam Ivy (see Horton)

Kempson, Elizabeth E. (Mrs Percival)

Born: 3 January 1906 in Coventry.

Educated: Wolverhampton High School.
University of Birmingham.

B.Sc. Hons. (Chem.) (Birmingham), 1928; Ph.D. (Edinburgh) 1941; D.Sc. (Edinburgh).

Chemical Society: Fellow.

Married: E.G.V. Percival (d. 1951) (1934). 2 children; R. McDowell (1962).

Died: 16 April 1997, age 91

Sources:

H. Weigel, "Elizabeth E. Percival, F.R.S.E.", *Carbohydrate Research*, 1978, 66, 7-8.

D.J. Manners, "Betty Percival 1906-97", *Chem. Brit.*, May 1998, 34, 61.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, pp. 289-290.

Kendall, Maureen Sheila (see Brabants)

Kennedy, Elizabeth Gentle (Mrs. W.T. Raikes)

Born: Unknown.

Educated: University of Glasgow.
B.Sc. (Glasgow), 1914.

Institute of Chemistry: Associate, 1919.

Married: W.T. Raikes (1921).

Died: Unknown.

Sources:

Proc. Roy. Inst. Chem., 1919, 45; 1921, 164.
University of Glasgow, student records.

Biography:

During World War I, Kennedy was involved in munitions research and gave her address as 11, Carlyle Square, Chelsea, London. In the 1925 University of Glasgow Register, she was listed as having no occupation.

Kenyon, Nancy Hannah

Born: 13 August 1902 at Burnley.

Educated: High School for Girls, Burnley.
University of Liverpool.
B.Sc. (Liverpool), 1924; Cert.Ed. 1925; Dip.Ed. 1926.

Institute of Chemistry: Associate, 1927.

Died: 23 July 1968 age 65.

Sources:

Proc. Roy. Inst. Chem., 1927, 183.
Register, Roy. Inst. Chem., 1932; 1936; 1938; 1948.
University of Liverpool, student records.
Chem. Brit., 1968, 4, 513.

Biography:

Kenyon was the daughter of James Hartley Kenyon, grocer, of 52, Queen Victoria Road, Burnley, Lancashire. By 1932, she was an assistant mistress at Morley Grammar School, rising to senior chemistry mistress by 1948. Kenyon retired as Deputy Head and Head of the Science Department.

Kerr, Alexandra Jean Robson (Mrs. Campbell)

Born: 10 July 1908 at Aberdeen.

Educated: University of Aberdeen.
B.Sc. (Aberdeen), 1930; Ph.D. (Manitoba), 1936.

Institute of Chemistry: Associate, 1930.

Married: Alan Newton Campbell D.Sc. (28 August 1931 at Winnipeg, Canada)

Died: Unknown.

Sources:

Proc. Roy. Inst. Chem., 1930, 236; 1931, 317.

Register, Roy. Inst. Chem., 1932.

University of Aberdeen, student records.

Biography:

Kerr was the daughter of John Kerr, superintendent of Fisheries of Bucksburn, Aberdeenshire. In 1931 she moved to Winnipeg, Manitoba, Canada from which time, until 1944, she was engaged in research at the University of Manitoba. It was from this research that she obtained her Ph.D. In 1982 Kerr was still residing in Winnipeg.

Kerridge, Phyllis Margaret Tookey (see Tookey)

Keys, Gladys Emma Peake (Mrs. Gardner)

Born: unknown.

Educated: Goldsmiths College, University of London.

B.Sc. (London), 1911.

Institute of Chemistry: Associate, 1918.

Married: Gardner.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1918, pt. I, p. 84.

Biography:

During World War I, Keys was working in munitions research, with an address of 3A White Gables, Wood Vale, Forest Hill, London.

Kidney, Eileen Ann

Born: unknown.

Educated: Dundee High School, Dundee.

University College, Dundee (later University of Dundee).

B.Sc. Hons (St. Andrews), 1936.

Institute of Chemistry: Associate. 1938

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1938, 86.

Register, Roy. Inst. Chem., 1938 and 1948.

University of St Andrews, student records.

Biography:

Kidney, daughter of William J.B. Kidney of 58 Dalkeith Rd., Dundee, and she entered university in 1932 at age 18. In the 1938 Register, she was listed as a research student. In 1948 Kidney gave her address as Netherlea, Tweed Rd., Galashiels, Selkirkshire.

Kidson, Elsa Beatrice

Born: 18 March 1905

Educated: Nelson Girls' Central School; Nelson College for Girls

Canterbury College.

B.Sc. (New Zealand); M.Sc. (New Zealand) 1927; Ph.D.; D.Sc. (New Zealand), 1952.

Institute of Chemistry: Associate, 1940, Fellow, 1944

Died: 25 July 1979 at Nelson age 73

Sources:

Proc. Roy. Inst. Chem., 1940, 282; 1944, 189.

C. Markwell, "Kidson, Elsa Beatrice 1905-1979. Dictionary of New Zealand Biography, updated to 16 December 2003. URL: <http://www.dnzb.govt.nz>.

C. Macdonald eds., *The book of New Zealand women*, Wellington, 1991. (*Must see*)

Chem. Brit., 1980, 16, 115.

Biography:

Kidson was born in Christchurch, New Zealand, and her father, Charles Kidson, was an accomplished artist and sculptor who taught at the Canterbury College School of Art, while her mother, Kitty Ester Hounsell, had some training as a teacher entered Canterbury College in 1923. Following her father's death in 1908, her mother moved the family to Nelson. Kidson excelled at high school, gaining a Junior Scholarship which enabled her to begin studies at Canterbury College in 1923. She was awarded the Sir George Grey Scholarship and the Haydon Prize in chemistry and, in addition, she became an expert swordswoman.

After working for two years as a demonstrator in chemistry at Canterbury College, Kidson worked for a time for the New Zealand Refrigerating Company at Islington, near Christchurch. In 1931 she joined the Department of Scientific and Industrial Research and was seconded to the chemical staff of the Soil Survey (at that time part of the Geological Survey Branch). She worked at the Cawthorne Institute in Nelson, where soil chemists were involved in a survey of the volcanic soils of the central North Island. Kidson, working in collaboration with H.O. Askew and J.K. Dixon, perfected highly sensitive methods for the determination of trace amounts of cobalt in soils and plants. Her meticulous and skilled chemical testing showed conclusively that lack of cobalt in the soil was the cause of the serious wasting disease in sheep and cattle that occurred in volcanic areas of the North Island and in parts of Nelson and Southland.

Kidson remained at Cawthorne Institute for 34 years. She became a world leader in the research into magnesium deficiency in apples, and did extensive work of the vitamin C content of fruits, the relationship between calcium deficiency and the disease bitter pit in apples, and the link between mineral constituents and nutritional diseases in tomatoes. Her research was of fundamental significance to horticulture and, especially, to the fruit-growing Nelson region.

Kidson was the sole or part author of over 44 scientific papers and in 1952 was awarded the degree of D.Sc. by the University of New Zealand in acknowledgement of the quality of her work. She spent time in 1937 and 1954 working at research stations in Britain, and in 1952 was awarded a travel grant to make a study tour of the United States. She was the first woman Fellow of the new Zealand Institute of Chemistry in 1943, and was elected Fellow of the Royal Institute of Chemistry in 1944 – the first New Zealand woman to achieve that honour. In 1963 she was awarded the Fellowship of the Royal Society of New Zealand.

When she retired in 1965 Elsa Kidson was able to develop her interests in art. She studied sculpture at the Wimbledon School of Art in London and on her return to New Zealand became a proficient and imaginative ceramist and sculptor, displaying skill at sculpting life sized heads of children. Her knowledge of art and chemistry combined in her unusually glazed and decorated clay works. She was involved in the Nelson branch of the New Zealand Federation of University Women, and the Nelson branch of the Royal Society of New Zealand.

Kirton, Lilas Mary Watson

Born: unknown.

Educated: University of Glasgow.

B.Sc. (Glasgow), 1934.

Institute of Chemistry: Associate, 1935.

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1935, 488.
Register, Roy. Inst. Chem., 1936 and 1938.
University of Glasgow, student register.

Biography:

In 1935, Kirton gave her address as 161 Stirling St., Alva, Clackmannanshire. In the 1936 Register, she is listed as being in textile research with Colloid Products Ltd., and in the 1938 Register as a research chemist in a dyeing and printing works.

Kieser, Margaret Elizabeth

Born: 1902.

Educated: University of Bristol.
B.Sc. Hons (Bristol), 1922.

Chemical Society: Fellow, 1944, nominated by H. Martin, A. Pollard, T. Malkin.

Institute of Chemistry: Associate, 1926.

Died: 8 January 1985, age 83.

Sources:

Proc Roy. Inst. Chem., 1926, 299.
Proc. Chem. Soc., 1944, 6.
Register, Roy. Inst. Chem., 1928, 1932, 1936, 1938 and 1948.
Chem. Brit., 1985, 21, 721.

Biography:

After graduation, Kieser was employed as a cancer research chemist at the Royal Infirmary, Bristol. She later moved to the Long Ashton Research Station, University of Bristol as research chemist. By 1948, Kieser was Senior Scientific Officer in the Department of Agriculture and Horticulture. On retirement she had risen to Chief Chemist.

Kilroy, Maud Elizabeth (Mrs. Milne)

Born: 24 November 1901.

Educated: Malvern Girls' School.
Bedford College, University of London.
B.Sc. Hons. (Chem.) (London), 1924.

Chemical Society: Fellow, 1924, nominated by G.A.R. Kon, M.A. Whiteley, Arnold Stevenson.

Married: David Milne (23 August 1928 at Nottingham).

Died: unknown

Sources:

Proc. Chem. Soc., 1924, 97.
Bedford College, student records.

Biography:

Kilroy, daughter of Hester Mary Kilroy of Salney Fields, Upper Broughton, Melton Mowbray, entered Bedford College in 1920. After graduation, she acquired a Department of Scientific and Industrial Research (DSIR) grant to work at Imperial College with Professor Thorpe. In 1926 she applied for a position of assistant librarian in the Science Library. There is no indication as to whether she was successful. In 1958 it was noted that she was Lady Milne.

King, Annie Millicent

Born: 12 September 1900 in Dursley, Gloucestershire

Educated: Redland High School, Bristol.
University of Bristol.
B.Sc. Hons. (Bristol), 1922; Ph.D. (Bristol) 1927.

Chemical Society: Fellow, 1942, nominated by E.L. Hirst, W.E. Garner, J.K.N Jones.

Died: 17 December 1952.

Sources:

Proc. Chem. Soc., 1942, 5.
W.E. Garner, "Millicent King 1900-1952", J. Chem. Soc., 1954, 2160.

Biography:

See *Chemistry was their Life: Pioneer British Women Chemists, 1880-1949*, pp. 204-205.

King, Catherine Wilson

Born: 1913.

Educated: University of Glasgow.
B.Sc. (Glasgow), 1937; Ph.D. (Glasgow) 1941.

Institute of Chemistry: Associate, 1944; Fellow, 1949.

Died: 8 July 1996, age 83.

Sources:

Proc. Roy. Inst. Chem., 1944, 118; 1949, 305.
University of Glasgow, student records.
Chem. Brit. 1996, 32, 57.

Biography:

By 1950, King was an agriculturalist with Evans Biological Institute. She retired from Evans Medical Supplies, Merseyside.

King, Elizabeth Joyce

Born: unknown.

Educated: Imperial College of Science and Technology.
B.Sc. (London), 1947; A.R.C.S. (Chem.).

Chemical Society: Fellow, 1948, nominated by J.H. Singleton, Leslie O. Butler, P.F. Onyon.

Died: unknown.

Sources:

Proc. Chem. Soc., 1948.
Royal College of Science Register

Biography:

King entered Imperial College in 1944 and by 1948 was a research student in the Biochemistry Department where she remained until 1949. She later became senior assistant at Cross & Blackwell Laboratories, Bermondsey, London. King gave her address as Stoney Ridge, Stoney Lane, Shaw, Newbury, Berks.

King, Jane/Jean (see Cottrell)

King, Phyllis Pamela

Born: unknown.

Educated: University College, University of London.
B.Sc. (London), 1939.

Chemical Society: Fellow, 1939, nominated by P.P. Hopf, E. Hess, J.P. White.

Died: unknown.

Sources:

Proc. Chem. Soc., 1939, 70.

Biography:

In 1939, King was an assistant chemist at "Ovaltine" (A. Wander Ltd.) and gave her address as Tunnel Woods, Nascot Wood Road, Watford.

King, Ruth

Born: 13 May 1894

Educated: Uxbridge County School.
East London College (later Queen Mary College, University of London).
B.Sc. (Hons) (London), 1914; M.Sc. (London) 1918.

Chemical Society: Fellow, 1921, nominated by Clarence Smith, J.T. Hewitt, W.H. Lewis.

Died: unknown.

Sources:

Proc. Chem. Soc., 1921, 103.

Queen Mary College, student records.

M.F. Rayner-Canham and G.W. Rayner-Canham, "British Women Chemists and the First World War", Bull. Hist. Chem., 1999, 23, 20-27.

Personal correspondence (letter) from Erwin Wodarczak, Records Analyst/Archivist, University Archives, University of British Columbia, Vancouver, Canada.

Personal correspondence (letter) from K. Schofield, University of Exeter, England, 1998.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 454, 518.

Kingston, Hilda Louise (Mrs. Manning)

Born: 6 May 1899.

Educated: Grey Coat School, Westminster.
Bedford College, University of London.
B.Sc. (London), 1921; D.I.C. (Biochem.).

Institute of Chemistry: Associate, 1922.

Married: Manning (1925).

Died: unknown.

Sources:

Proc. Roy. Inst. Chem., 1922, 71; 1925, 369.

Bedford College, student records.

Register, Roy. Inst. Chem., 1926.

Royal College of Science Register.

Biography:

Kingston, daughter of George H. Kingston, civil servant of 103, Streathbourne Rd., London, entered Bedford College in 1918. After graduation, she obtained a research scholarship to work in the Biochemistry Department of Imperial College where she remained until 1923. Kingston then turned to teaching on a part time supply basis.

Kirkland, Margaret Kerr

Born: unknown.

Educated: University of Glasgow.
B.Sc. (Glasgow), 1920.

Institute of Chemistry: Associate, 1921.

Died: 1974

Sources:

Proc. Roy. Inst. Chem., 1921, 78.
Register, Roy. Inst. Chem., 1926 - 1948.
University of Glasgow, student records.
Chem. Brit, 1974, 10, 453.

Biography:

In the 1925 Glasgow Register listed Kirkland as a chemist in Kilmarnock, then in later Registers she was an assistant chemist, Prices (Bromborough) Ltd, in Birkenhead.

Kletz, Leonore (Mrs Pearson)

Born: 18 June 1891.

Educated: North Manchester High School; Pendleton High School.
University of Manchester.
B.Sc. Hons. (Chem) (Manchester), 1912; M.Sc. (Manchester) 1913.

Institute of Chemistry: Associate, 1918; Re-elected associate in 1944.

Married: Bernard Pearson (24 June 1915).

Died: 23 July 1947 in her 57th year.

Sources:

Proc. Roy. Inst. Chem., 1918, pt. iv., 57; 1944, 47.
J. Roy. Inst. Chem., 1947, 217.
University of Manchester, student records.

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, pp. 177-178.

Kuroda, Chika

Born: 24 March 1884

Educated: Normal School (women's section), Saga, Japan; Women's Higher Normal School, Rika, Japan; Women's Higher Normal School, Kenkyuka, Japan.
Tohoku Imperial University, Sendai, Japan.
University of Oxford.
B.Sc. (Tokyo) 1916; Ph.D. 1929.

Chemical Society: Fellow, 1929, nominated by Joji Sakurai, E. Hope, Riko Majima.

Died: 8 November 1968.

Sources:

Proc. Chem. Soc., 1929.

M.C. Haines, International Women in Science: A biographical dictionary to 1950.

A. Tsugawa and Y Konami, "Women scientists in Japan – History and Today", Proceedings of 12th international conference of women engineers and scientists, Ottawa, July 27-31, 2002

Y. Kozai, "Brief history of Japanese education system and women's situation".

Biography:

See Chemistry was their Life: Pioneer British Women Chemists, 1880-1949, p. 248.
