

Professor Robin J H Clark CNZM FRS

C Chem, MSc(NZ), PhD DSc(Lond), Hon DSc(Cant), FRSA, FRSC, FUCL

Hon FRI, Hon FRSNZ, FFNASI

Sir William Ramsay Professor Emeritus, Christopher Ingold Laboratories, University College London, London WC1H 0AJ, UK. E-mail: r.j.h.clark@ucl.ac.uk Tel: (020) 7679 7457

Personal Information

Born: 16 February 1935, Rangiora, New Zealand
Parents: Reginald Hawes Clark, JP, BCom, FCA
Marjorie Alice Clark (née Thomas)
Marriage: 30 May 1964 to Beatrice Rawdin Brown, JP
Children: Victoria Helen Lane, BSc
Matthew Paul Alexander Clark, BSc, MB, ChB, FRCS

Education

Marlborough College, Blenheim, NZ	1946-48
Christ's College, Christchurch, NZ	1949-52
Canterbury University College, Christchurch, NZ	1953-57
BSc, 1955, MSc (1st class honours), 1957	
National and Senior National Fellow	
Thesis: Quenching of Fluorescence of Ionic Anthracene Derivatives (with Dr. W.S. Metcalf)	1957
University of Otago, Dunedin, NZ	1958
Research Fellow and Teaching Fellow	
Research: Effect of High Pressures on Electrical Conductivities of Weak Electrolytes (with Professor W S Fyfe FRS)	
University College London	1958-61
Thesis: Some Studies in the Chemistry of Titanium Complexes (with Professor J Lewis FRS (now Lord Lewis of Newnham) and the late Professor Sir Ronald Nyholm FRS), PhD	1961
University of London, DSc	1969

Academic Positions, University College London

Assistant Lecturer	1962
Lecturer	1963-71
Reader	1972-81
Professor	1982-
Dean of Science	1988-89
Head, Department of Chemistry	1989-99
Sir William Ramsay Professor	1989-08
Sir William Ramsay Professor Emeritus	2009-

Visiting Professorships

Columbia University, New York, USA	1965
Padua University, Padua, Italy	1967
University of Western Ontario, London, Canada	1968
Texas A & M University, College Station, USA	1978
Universities of Bern and Fribourg, Switzerland	1979
University of Auckland, Auckland, N.Z.	1981

University of Odense, Odense, Denmark	1983
University of Sydney, Sydney, Australia	1985
University of Bordeaux, Bordeaux, France	1988
University of Pretoria, Pretoria, South Africa	1991
University of Würzburg, Würzburg, Germany	1997
University of Indiana, Bloomington, USA	1998
University of Thessaloniki, Thessaloniki, Greece	1999

Named Lectures

Wayne State University, Detroit, USA (Kresge-Hooker)	1965
Case-Western Reserve, Cleveland, USA (Frontiers in Chemistry)	1978
University of Amsterdam, The Netherlands (John van Geuns)	1979
Sheffield University, Sheffield (Firth)	1991
Ecole Nationale Supérieure de Chimie de Paris, France (Moissan)	1998
Wesleyan University, Middletown, Con., USA (Leermakers)	2000
University of Oslo, Oslo, Norway (Hassel)	2000
Worshipful Company of Horners (Ralph Anderson, Annual Lecture)	2003
Worshipful Company of Barber-Surgeons (Sir Lionel Denny, Annual Lecture)	2009
Canadian Society for Chemistry, Vancouver, Canada ("Chemistry in Society" Public Lectures)	2009
Burlington House Lecture, First Joint Royal Academy of Arts/Royal Society of Chemistry Public Lecture, London	2010
Worshipful Company of Scientific Instrument Makers (Minerva, Annual Lecture)	2011

Honours, Fellowships, Prize Lectures, Medals

Fellow of the Royal Society of Chemistry	1969
Tilden Lecturer and Medallist of the Royal Society of Chemistry	1983-84
Nyholm Lecturer and Medallist of the Royal Society of Chemistry	1989-90
Honorary Fellow, Royal Society of New Zealand	1989
Fellow of the Royal Society of London	1990
Member, Academia Europaea	1990
Thomas Graham Lecturer of the Royal Society of Chemistry	1991
Fellow of the Royal Society of Arts	1992
Fellow of University College London	1992
Harry Hallam Memorial Lecturer of the Royal Society of Chemistry	1993
Carman Lecturer of the South African Chemical Institute	1994
Kobe University, Japan, President's Medal	1996
Joannes Marcus Marci Medal of the Czech Spectroscopy Society	1998
Harry Hallam Memorial Lecturer of the Royal Society of Chemistry	2000
UK - Canada Rutherford Lecturer (biennial), Royal Society London	2000
Hon. DSc (Cant.)	2001
Sidey Medal, Royal Society of New Zealand	2001
Liversidge Lecturer and Medallist (biennial), Royal Society of Chemistry	of 2003-04
Lifetime Achievement Award of the New Zealand Society, London	2004
Companion of the New Zealand Order of Merit (CNZM)	2004
Honorary Life Fellow, Royal Institution of Great Britain	2004
Foreign Fellow, National Academy of Sciences, India	2007
Bakerian Lecturer, the premier annual "Prize Lecture" and Medal of the Royal Society of London in the Physical Sciences	2008
Franklin-Lavoisier Prize, Maison de la Chimie (Paris) and Chemical	

Heritage Foundation (Philadelphia) – inaugural, biennial medal	2009
Chemical Institute of Canada Public Lecture Award, Canada	2009
Sir George Stokes Award/Lecture and Gold Medal (biennial) of the Royal Society of Chemistry	2009-10
International Member, American Philosophical Society (founded ..Benjamin Franklin, 1743)	2010

Chief Appointments

<i>SERC/EPSRC</i>	Inorganic Chemistry Committee	1977-80 and 1993-94
	Post-doctoral Fellowships Committee	1983
<i>RSC Dalton Division</i>	Council	1985-88
	Vice President	1988-90
<i>International Conferences on Raman Spectroscopy</i>	Chairman, XI Conference, London	1988
	Member, Steering Committee	1988 - to date
	Chairman, Steering Committee	1992 -94
<i>Ramsay Memorial Fellowships Trust</i>	Chairman, Advisory Council	1989 - to date
	Trustee and Deputy Chairman of Trust	1993 - to date
<i>Royal Society of London</i>	FRS Selection Section Committee 3, Member	1990-93 and 1999-02
	FRS Selection Section Committee 3, Chairman	2001-02
	Council	1993-94
	International Exchanges Committee	1993-00
	Chairman, Panel 1(a) Europe	1993-96
	Audit Committee	1992
	Soiree Committee	1993-97
	Chairman, Remuneration Committee	1995-01
	Finance and General Purposes Committee	1995-98
	National Cataloguing Unit Committee	2002-05
	Research Grants Board I	2005-07
<i>Royal Institution</i>	Davy Faraday Research Committee	1986-89 and 1993-96
	Council	1996-04
	Vice-President	1997-04
	Honorary Secretary	1998-04
<i>University of London</i>	Many appointments	1973-
	Senate and Academic Council	1988-92
<i>University College London</i>	Many appointments	1963-
	Council	1991-94
<i>Haberdashers' Aske's Schools Elstree</i>	Governor	1995-98
<i>NZ Universities Graduates' Association</i>	UK Branch, Committee	1985-95
	Chairman	1995- to date
<i>University of Canterbury NZ Trust</i>	Director and Trustee	2004- to date
	Chairman	2005- to date

Publications

Books

- "The Chemistry of Titanium and Vanadium", Author, Elsevier, Amsterdam, 1968, pp. xi + 327.
- "The Chemistry of Titanium, Zirconium and Hafnium", Co-author (with D.C. Bradley and P. Thornton), Pergamon, Oxford, 1973, pp. x + 136.
- "The Chemistry of Vanadium, Niobium and Tantalum", Co-author (with D. Brown), Pergamon, Oxford, 1973, pp. xi + 132.

Edited Books

- "Topics in Inorganic and General Chemistry", Editor, Elsevier, Amsterdam, 1974-1996, monograph series, nine of which have been published.
- "Advances in Infrared and Raman Spectroscopy", Co-editor (with R.E. Hester), Wiley-Heyden, London, Series continued under the title "Advances in Spectroscopy", Wiley, Chichester, Vols.1-12, 1975-1985, Vols.13-26, 1986-1998.
- "Raman Spectroscopy", Co-editor (with D.A. Long), Wiley, Chichester, 1988, pp. liv + 1034.
- "Mixed Valency", Co-edited with P. Day and N.S. Hush, *Phil. Trans. Roy. Soc. A*, Special Issue, 13 January 2008, Number 1862, vol. 366, pp. 1-185.

Research Papers, Citation Information and Lecture Summary

Scientific Publications:	512	Lectures at Conferences:	180
Co-authored posters:	>100	Countries lectured in:	36
Books (written, edited or co-edited)	36	Lectures, Universities/ Research Institutes	350
Citation <i>h</i> -index	54		
Total citations	c 13000		01/06/2010