

ONE PAGE CV OVERVIEW

PROF MYRON WYN EVANS, Gent., B. Sc., Ph. D., D. Sc. OF GLYN EITHRYM

emyrone@aol.com, www.aias.us, www.atomicprecision.com, www.et3m.net,
www.upitec.org, www.webarchive.org.uk

British Civil List Pensioner in Science. President of the Alpha Institute for Advanced Studies (AIAS). Director and Chairman of ECE Technologies Ltd. Director of the British Branch of the B(3) Productive Energy Institute situated in Kobe, Japan (appointed 2011).

High Honours: Civil List Pension (2005), Armiger (2008), “Burke’s Peerage and Gentry” (2011), about thirty editions of “Marquis Who’s Who, 1998 to present.

Numerous Honours including: Harrison Memorial Prize (1978) and Meldola Medal (1979), Sigma Pi Sigma (1995) and nominations for Nobel Prize, Wolf Prize, Faisal Prize, ACS Debye, Langmuir and Hildebrand awards, nomination ACS Priestley Medal (2010).

Education: B. Sc. (1st Class, 1971), Ph. D. (1974), D. Sc. (1977), University of Wales.

Publications: These are hyperlinked on www.aias.us, approximately a thousand scientific papers, review articles and books, accompanied by background notes on www.aias.us.

Five Selected Publications

(1) M. W. Evans, G. J. Evans, W. T. Coffey and P. Grigolini, “Molecular Dynamics” (Wiley, New York, 1982).

(2) M. W. Evans and S. Kielich, “Modern Nonlinear Optics” (1992, 1993, 1997, 2001, two editions, six volumes).

(3) M. W. Evans and J. P. Vigiér, “The Enigmatic Photon” (Kluwer, 1994 to 2002, ten volumes hardback and softback).

(4) M. W. Evans, H. Eckardt and D. W. Lindstrom, “Generally Covariant Unified Field Theory” (Abramis Academic, 2005 to 2011, in seven volumes).

(5) M. W. Evans, S. Crothers, H. Eckardt and K. Pendergast, “Criticisms of the Einstein Field Equation” (Cambridge International Science Publishing, 2011).

Editor in Chief: Journal of Foundations of Physics and Chemistry.

Scientific Discoveries and Advances in Chemistry and Physics

In the last decade the development of the first successful unified field theory with numerous applications in chemistry and physics (www.aias.us). The www.aias.us website is archived on www.webarchive.org.uk as a leading British website. All information is given there in comprehensive detail. For these recent achievements received three high honours of the British Government including an appointment by the Crown and Parliament to the Civil List on recommendation of the Royal Society.

Avocations: Published poet, history and genealogy, hill walking.

OTHER DETAILS REQUESTED BY THE RSC TEMPLATE CV

FUNDING RECEIVED

From 1974 to 1983, major British Government funding of various kinds for the establishment of a submillimetre laboratory for what is now known as “the BBC Hall of Fame Group” (BBC mid Wales). Funding from the Nuffield Foundation and Leverhulme Trust and IBM, University of Wales (as Fellow and Senior Fellow), from University of Zurich and Cornell. Major funding for computer time. Major funding in November 2011 for the B(3) Productive Energy Institute based in Japan.

QUALIFICATIONS

University College of Wales Aberystwyth: B. Sc. (1st Class 1971), Ph. D. 1974, D. Sc. (1977, youngest recipient recorded of the D. Sc. Degree in Britain and the Commonwealth of the modern era).

NATIONAL HONOURS AND NOMINATIONS FOR MAJOR PRIZES

Appointed by the Crown and Parliament as Civil List Pensioner 2005 in recognition of distinguished service to Great Britain and the Commonwealth in science, a national high honour and prime ministerial appointment. Armorial Bearings 2008, Armiger with rank of Gentleman. “Burke’s Peerage and Gentry” 2011. Several times nominated knighthood, C.H. and O.M.. Several times nominated Wolf Prize and Faisal Prize. Nominated for Civil List Pension by the Royal Society of Chemistry and Royal Society 2004, appointed Pensioner 2005. Nominated Debye, Langmuir and Hildebrand Awards of the American Chemical Society (2010). Nominated Priestley Medal (2010). Informed responsibly of several nominations for the Nobel Prize in chemistry and physics (1993 to present).

HONOURS AND AWARDS

Numerous honours, prizes, medals and awards, selected in chronological order as follows. Pontardawe Grammar School Prize for best O level results, 1966; School Prefect 1966. University College of Wales Aberystwyth Mathews Prize for best first year results, 1969. Dr Samuel Williams post graduate studentship for best undergraduate degree results, 1971. Harrison Memorial Prize of the Royal Society of Chemistry 1978. Meldola Medal of the Royal Society of Chemistry 1979. Adjudged joint first in Marlow Medal competition, 1979 / 1980. Honorary Fellowship University of London 1988. Honorary Fellowship University of Lancaster 1988, Sigma Pi Sigma of the American Institute of Physics 1995. Numerous other honours, awards and nominations.

COMPETITIVE POST DOCTORAL FELLOWSHIPS

Science Research Council Fellowship 1974. National Research Council of Canada

Fellowship 1974. Imperial Chemical Industries European Fellowship 1974. Junior Research Fellow of Wolfson College Oxford 1975. British Ramsay Memorial Fellowship of University College London 1976. Science and Engineering Research Council Advanced Fellowship 1978. Two University of Wales Fellowships 1983. University of Wales Picher Senior Fellowship 1985. Humboldt Fellowship 1985. IBM British Fellowship 1985. Two Leverhulme Trust Fellowships 1985 and 1990. This is a “world record” for fellowships won in open international competition.

VISITING ACADEMIC POSTS

Visiting Academic Trinity College Dublin 1986. Visiting Professor IBM Kingston, New York, USA, 1986. Visiting Academic Cornell University 1988 - 1992. Visiting Academic University of Zurich Switzerland 1990. Visiting Academic Pennsylvania State University 1991. Visiting Academic York University Toronto Canada 1995. Visiting Academic Indian Statistical Institute 1995.

MAIN CAREER POSTS IN ACADEMIA AND INDUSTRY

SRC Fellow Physical Chemistry Laboratory University of Oxford with Prof. Sir John Rowlinson F.R.S., 1974 to 1976. Junior Research Fellow Wolfson College Oxford 1975 to present. British Ramsay Memorial Fellow 1986 to 1988 Edward Davies Chemical Laboratories (EDCL), UCW Aberystwyth. SERC Advanced Fellow at the EDCL 1978 to 1983. Founder and First Scientific Coordinator of the European Molecular Liquids Group 1980. University of Wales Fellow University College of North Wales Bangor 1983 to 1985. University of Wales Pilcher Senior Fellow at University College of Wales Swansea 1985 to 1986. IBM Visiting Professor, Clementi Environment Kingston New York USA 1986 to 1987. IBM Project leader 1988. Visiting Academic Cornell Theory Center 1988 to 1992. Visiting Academic Institute of Physical Chemistry University of Zurich 1990 to 1991. Professor of Physics University of North Carolina at Charlotte 1992 to 1995. Director Alpha Institute for Advanced Study (AIAS) 1998. President of AIAS 2007. Chairman and Director of ECE Technologies Ltd. Director of the British Branch of the B(3) Productive Energy Institute (invited 2011).

BRIEF SUMMARY OF RESEARCH WORK

Over eight hundred refereed research papers and reviews in chemistry and physics, most of which can be read in the UFT and Omnia Opera section of www.aias.us. First generally accepted explanation of the far infra red region of the electromagnetic spectrum in terms of statistical mechanics and computer simulation. Pioneer and developer of computer simulation and animation, especially with application to molecular motion. Pioneer and coordinator of the multi technical investigation of molecular dynamics within the European Molecular Liquids Group (EMLG) founded at the British National Physical Laboratory. Many original discoveries in molecular dynamics and statistical mechanics. Development of field applied molecular dynamics computer simulation with applications to non-linear optics, ESR and NMR. Discovery of the fundamental longitudinal magnetic field of electromagnetic radiation, the B(3) field now developed in to the B(3) Productive Energy Institute in Japan. Development of higher topology electromagnetic gauge theory, O(3) electrodynamics.

Development of generally covariant unified field theory in physics and chemistry, generally accepted (www.aias.us) as the leading theory of its type at present. Industrial development of environment friendly devices such as new energy devices which have no carbon footprint and produce no emissions, and counter gravitational device research. Industrial development of new, clean burning fuels with Kurata / B(3) technology. Refutation of Einstein's general relativity and its replacement with Einstein Cartan Evans (ECE) unified field theory. Refutation of standard particle theory and its replacement with ideas based on ECE theory. Refutation of the Dirac equation and its development into the fermion equation. Refutation of Copenhagen indeterminacy and its replacement with ECE wave mechanics. Numerous other developments of ECE theory.

FIVE RELEVANT PUBLICATIONS

- 1) M .W. Evans, G. J. Evans, W. T. Coffey and P. Grigolini, "Molecular Dynamics" (Wiley 1982), a monograph of circa 880 pages.
- 2) M .W. Evans and S. Kielich, eds. "Modern Nonlinear Optics" (Wiley, 1992, 1993, 1997, 2001, in two editions and six volumes).
- 3) M. W. Evans and J.-P. Vigi er, "The Enigmatic Photon" (Kluwer 1994 to 2002), in ten volumes hardback and softback.
- 4) M .W. Evans, H. Eckardt and D. W. Lindstrom, "Generally Covariant Unified Field Theory" (Abramis Academic, 2005 - 2011), in seven volumes.
- 5) M .W. Evans, S. Crothers, H. Eckardt and K. Pendergast, "Criticisms of the Einstein Field Equation" (Cambridge International Science Publishing, 2011).

OTHER INDICATORS OF ESTEEM

SELECTION OF BOOKS PRODUCED

Over fifty books authored, co-authored and edited. About twenty five volumes to date as series editor for World Scientific. "Molecular Dynamics" (Wiley, New York, 1982). Molecular Diffusion (Wiley, New York, 1984). Several special topical issues of "Advances in Chemical Physics" for Wiley of New York, notably volumes 62, 62, 81, 85(1) to 85(3) and 119(1) to 119(3), with Stanislaw Kielich. "The Enigmatic Photon" (Kluwer 1994 to 2002 in five volumes with Jean-Pierre Vigi er). "Classical and Quantum Electrodynamics and the B(3) Field" (World Scientific, 2001, with Lawrence Crowell). "Generally Covariant Unified Field Theory" (Abramis Academic of Suffolk 2005 to 2011 in seven volumes with Horst Eckardt and Douglas Lindstrom). "Criticisms of the Einstein Field Equation" (Cambridge International Science Publishing, 2011, with Stephen Crothers, Horst Eckardt and Kerry Pendergast).

ESSAYS AND BROADCASTS

Fifty five essays to date (November 2011), broadcast by Robert Cheshire, Alex Hill (translations and broadcasts in Spanish) and myself, with Simon Clifford, www.aias.us.

WEBSITES

The www.aias.us website contains about two thousand two hundred documents and at present

has been intensely studied worldwide for a decade. Feedback activity software indicates that it is the leading website in physics and chemistry worldwide. It is archived from the National Library of Wales at the British Library in London on www.webarchive.org.uk as a leading website in Britain. The other ECE websites are: www.atomicprecision.com, www.et3m.net and www.upitec.org.

POETRY, BIOGRAPHY AND AUTOBIOGRAPHY

Poetic autobiography, "Autobiography - Sonnets" (Arima 2005). Kerry Pendergast "The Life of Myron Evans" (Cambridge International Science Publishing, Spring 2011), available from Amazon, Ingram's in the United States, W. H. Smith, The Guardian, and all good bookshops. First volume of autobiography, (1950 - 1968) available in the blue box above my coat of arms on www.aias.us, further volumes planned. Poetic readings by Robert Cheshire and myself on www.aias.us in Welsh and English. Second book of poetry in preparation in Welsh and English.

INVITED LECTURESHIPS

Meldola Lecture. Numerous conference invitations of SRC, SERC CCP5, EMLG and so on. Latest plenary 2010 Serbian Academy of Sciences.

STAFF SUPERVISED AND CONFERENCES ORGANIZED

As a post doctoral supervised M. Sc. and Ph. D. Theses, post doctoral assistants. As European Coordinator of EMLG supervised Delta Project for all Europe, advised the US NSF on the Delta Project. Supervised visiting staff and organized workshops for the Nuffield Foundation. Supervised students at UNCC. As AIAS Director and President supervised numerous staff 2008 to present. Directorships and Chairmanships in industry. Organized numerous conferences throughout Europe for SERC CCP5, RSC, and EMLG.

SUMMARY OF OUTREACH IN CHEMISTRY AND PHYSICS

Organized and developed the most successful website in physics and chemistry, www.aias.us. Plans include the development of new energy devices and new clean burning fuels, and numerous future developments of ECE theory.