

Graham Buckton

BPharm, AKC, C.Dir, PhD, DSc, CChem, FRSC, FAPS, FAAPS, FRPharmS

1) Personal Details

Name: Graham Buckton **Date of Birth:** 30.4.60 **Status:** Married, 2 children

Nationality: British **Born:** Brighton, Sussex.

2) Fellowship/Membership of Professional Bodies/Associations:

The Royal Pharmaceutical Society of Great Britain **made a Fellow in April 1997**;
The Royal Society of Chemistry **made a Fellow in 1997**;
American Association of Pharmaceutical Scientists **made a Fellow in 1997**;
Academy of Pharmaceutical Sciences **made a Fellow in 2009**.
Member of MENSA. (lapsed)

Associations/Clubs – The Athenaeum. The Worshipful Society of Apothecaries. MCC. North Hants Golf Club.

3) Awards/Honours

2012 Freedom of the City of London.

2003 Science Chairman for the British Pharmaceutical Conference.

2000 First recipient of the Academy of Pharmaceutical Sciences Medal, for services to UK Pharmaceutical Sciences (relating to the establishment of the APS by negotiating a merger between the previously competing activities of “UKAPS” and the “Pharmaceutical Sciences Group”).

1998 Stig Sunner Award, presented by the USA Calorimetry Conference “in recognition of research and contributions to thermodynamics and thermochemistry” to a scientist under the age of 40.

1998 Foss Near Infra red European Users Group award for best new work in near-IR spectroscopy

1993 British Pharmaceutical Conference Science Medal

1992 Pfizer Award for "excellence in published research", granted for "imaginative use of thermodynamic principles in the understanding and design of drug delivery systems". The Pfizer Awards are not open to application, and are given on the basis of review of published literature by senior Pfizer scientists, and senior academic advisers

4) Education

Institute of Directors 2012 Diploma in Company Direction

Institute of Directors 2012 Certificate in Company Direction.

University of London 1997 Doctor of Science for research work in pharmaceutical materials science.

King's College (KQC), University of London, Manresa Road.

September 1982 - August 1985 **Ph.D.** Title: Assessment of the wettability of powders
1985-1987 **Associate of King's College (AKC)** Examined course in Philosophy (part time)

Chelsea College, University of London, Manresa Road.

September 1978 - June 1981. **B.Pharm.** (Hons.)

Varndean Sixth Form College, Brighton, Sussex.

September 1976 - July 1978; AO level - Human Biology; 3 A levels - Mathematics, Chemistry and Physics.

Brighton Secondary Technical School.

September 1971 - July 1976, June 1975 3 O levels; June 1976 8 O levels

5) Present Employment

Managing Director of Buckton Consulting

Emeritus Professor of Pharmaceutics, UCL School of Pharmacy, University of London and

5.1) Academic

Research

I have an active research group and collaborate with colleagues to supervise research at UCL School of Pharmacy and Nottingham University

The work relates to materials science applied to pharmaceutical processing and drug delivery systems, notably those for inhalation and oral delivery. Further details are presented below.

Examining:

Chair of the MPharm exam board (2002- 2012)

Past-chair of the exam boards for MSc subjects.

Numerous PhD degrees (in recent years venues include: LSOP, Kings College London, Imperial College, Nottingham, Cardiff, Bradford, Brighton, Portsmouth, Manchester, Aston, Greenwich, Canterbury, Uppsala (Sweden), Copenhagen, Oslo).

I have been / am MPharm examiner at Queens University of Belfast, Cardiff, Nottingham, Kings College, University of Colombo, Sri Lanka, and Robert Gordon University

Previously MSc examiner Kings College London and MSc Industrial Pharmacy, University of Brighton.

5.2 Buckton Consulting (a part of Brighton City Property Ltd)

Consultancy service covering:

- 1) pharmaceutical physical form, formulation development, GMP manufacturing and regulatory considerations.
- 2) Company strategic review and management
- 3) Due diligence
- 4) Expert witness

I act as a consultant to industrial companies in UK, mainland Europe, middle east and USA. This is a diverse role involving advice on materials science, formulation (inhalation and oral products), regulatory, and as an expert witness in patent litigation.

6) Previous employment

Pharmaterials Ltd

I founded Pharmaterials Ltd in 2000 to transfer advanced materials characterisation techniques into a commercial contract service. I developed the company to cover preformulation, especially salt and polymorph selection, formulation development (oral and inhalation) and GMP clinical trial manufacture in a large purpose built facility in Reading UK. The % of my time linked to this activity expanded (to 70%) to keep pace with the needs of the success of a growing enterprise.

Pharmaterials operates on a fee for service basis and has grown through profits on income.

Pharmaterials won the Queen's Award for Enterprise in 2008 for international trade.

At the time of my departure 36 staff were employed.

In keeping with the success of the business, the majority stake in Pharmaterials was sold to PII in January 2008. The remaining stake was sold in September 2012 at which stage I exited from my role as Chief Executive of the company, where I acted to directly oversee the strategic and business planning, financial management, business development, staffing and resource provision.

School of Pharmacy, University of London, 29-39 Brunswick Square, London WC1N 1AX 1988 - 2015

January 2001 – April 2007 Head of Department of Pharmaceutics.

Management and Leadership

Of the School

As Head of Department much of my time was spent discussing the management of the School, including preparations for previous and future research assessment exercise, teaching quality audit, day-to-day management and strategic directions.

Internal committees:

Member of School Council. Member of the following committees of Council: Finance, Nominations, Governance, Fellowship and Honorary Degrees, Audit Committee.

Other School Committee work: Academic Board, Policy and Resources Executive, Policy and Resources, Research Strategy Task Force, Academic Standards, Undergraduate Studies Management Group, Pharmacy Advisory, Library and Information Services, Joint Committee of Academic Board and Students, Higher Degrees, Taught Postgraduate Studies.

Of the Department of Pharmaceutics

Pharmaceutics had 13 fte academic staff, and some 70 research staff/PhDs, also 5 technicians, and support services (workshop and wash-up). In my time as Head all but 1 member of academic staff was either appointed or promoted.

I managed the staff development and infrastructure for the departmental activities, to maximise the productivity, whilst working within strict financial limits.

I appointed senior industrialists to positions of visiting professor to develop strategy for direction and funding.

Teaching:

Instigator of MSc in Drug Delivery (developed concept and course, then transferred to staff to manage)

Provide direction for all teaching in Pharmaceutics through regular reviews with staff, informed by staff views and course review reports. Allocate staff to lead the Pharmaceutics teaching in each semester, manage projects and dissertations, and the examination processes.

I was part of the small design team that initiated the review of the BPharm, to produce a matrix management teaching structure (of course coordinators and heads of departments) to allow better subject integration. I was part of the group that assigned subjects to semesters and planned the curriculum, I was one of the first course coordinators. This structure was expanded to form the basis of the existing MPharm.

Previous positions at the School of Pharmacy, University of London

July 1998 Professor of Pharmaceutics;

May 1995 Reader in Pharmaceutics;

February 1991 Senior Lecturer in Pharmaceutics;

September 1988 Lecturer in Pharmaceutics;

Lecturer in Pharmacy (Pharmaceutics)

Chelsea Department of Pharmacy, King's College (KQC), University of London, Manresa Road, London, SW3 6LX.

October 1984 - September 1988

Advanced Drug Delivery Research unit, Ciba-Geigy Pharmaceuticals, Horsham.

July to December 1987 (Secondment)

Charing Cross Hospital, Fulham Palace Road, London.

August 1981 - July 1982. Pre-registration pharmacist

Community Pharmacy Locum work (1982-1988)

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