

## **CURRICULUM VITAE**

NAME	HUMPHREY Caroline Anne
DATE OF BIRTH	[REDACTED]
NATIONALITY	[REDACTED]
QUALIFICATIONS	Bachelor of Medicine Bachelor of Surgery University of Liverpool 1977  The Royal College of Pathologists Membership Examination in Haematology 1985  Fellowship of Royal College of Pathologists January 1996

### **APPOINTMENTS HELD**

Pre-Registration House Officer in Surgery and Medicine	Walton Hospital, LIVERPOOL, 1977-78.
Senior House Officer in General Medicine	Walton and Fazakerley Hospitals, LIVERPOOL, 1978-79.
Senior House Officer in Laboratory Medicine (attached to Haematology)	Belfast City Hospital, 1979-80.
Registrar in Haematology	Belfast City Hospital, 1980-81.
Senior Registrar in Haematology	Belfast City Hospital Royal Victoria Hospital Northern Ireland Blood Transfusion Centre Royal Belfast Hospital for Sick Children August 1981 -February 1987.
Locum Consultant Haematologist	Northern Area Board Whiteabbey Hospital (one session per week).
Locum Consultant Haematologist/ Oncologist	Galway Regional Hospital, GALWAY (total of nine weeks).

### **CURRENT APPOINTMENT**

Full-time Medical Director	Craigavon Area Hospital Group Trust May 2003 to date
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**Previous Clinical Appointment:**

Consultant Haematologist

Southern Health & Social Services Board,  
Craigavon Area Hospital/South Tyrone Hospital  
March 1987 – May 2003.

**1. CAREER DETAILS**

**1.1 Background**

Immediately prior to my pre-registration year, I undertook an elective as honorary resident in Psychiatry at the University of Southern Illinois, Springfield, ILLINOIS, for a period of one month. This attachment was funded by a Travelling Scholarship awarded following success in invited examination in Psychiatry.

My pre-registration experience was gained in a busy District General Hospital in Liverpool. Surgical experience included the management of neurosurgical, urological and general surgical patients whilst in general medicine, broad experience was gained in the management of all general medical problems including gastro-enterology, cardiology, haematology, and general medicine.

This general medical experience was further widened during a year as Senior House Officer in general medicine at Walton and Fazakerley District General Hospitals, Liverpool. This rotation involved a four-month period in general medicine, a similar period in geriatric medicine, followed by two month periods in an intensive care unit and a busy casualty department.

Since moving to Belfast my experience has been in Laboratory medicine and haematology. My first appointment as Senior House Officer in Laboratory medicine (attached to Haematology) afforded me the necessary experience in the various pathological specialties of microbiology, histopathology and clinical pathology to enable me to pass the Primary Examination of the Royal College of Pathologists in March 1981, and commit my subsequent training to the discipline of Haematology. This was followed by upgrading to Registrar in Haematology and subsequently to Senior Registrar in August 1981, and during tenure of these appointments, higher professional training was undertaken in the various facets of Haematology, facilitated by a rotational training scheme. Following this period of training, I took the Final examination of the Royal College of Pathologists in Haematology.

**1.2 Training**

During periods of attachment to the Royal Victoria Hospital and Belfast City Hospitals, laboratory service has comprised an important part of the overall haematology service and has required the acquisition of skills in all aspects of practical haematology through secondment to appropriate laboratories.

**1.3 Coagulation**

Experience in coagulation was gained during attachment to the Northern Ireland Haemophilia Centre (Royal Victoria Hospital). This provided the opportunity for the study of congenital defects of coagulation and the complications associated with these diseases in the clinical and laboratory settings.

Laboratory investigation of acquired disorders of coagulation in general and obstetric situations was pursued both in the Royal Victoria Hospital and Belfast City Hospital.

#### 1.4 Immunohaematology

Secondment to the Immunohaematology Laboratory in the Belfast City Hospital gave me considerable opportunity to carry out the many practical procedures involved in the typing and classification of the leukaemias and lymphomas. This necessitated the use of techniques in the preparation of mononuclear cell preparations, tissue imprints, cytochemical stains, immunofluorescent studies, and the use of monoclonal antibodies.

### 2. GENERAL EXPERIENCE

#### 2.1 General Haematology

This has largely involved the interpretation of peripheral blood and bone marrow smears which comprises a major part of the workload from both the haematology patients and the wide catchment areas served by both Belfast hospitals. During periods in the general haematology laboratory I have also become familiar with automated laboratory equipment and the application of computer technology in this field.

My general experience has been further widened by spending some time in the Cytogenic Department and Haemobiochemistry Department of the Royal Victoria Hospital, and a short period in the Northern Ireland Tissue Typing Laboratory.

#### 2.2 Blood Transfusion

The rotational training scheme involves an attachment to the Northern Ireland Blood Transfusion Service, affording the study of all practical aspects of blood transfusion. I therefore spent time in the various laboratories in the Transfusion Centre which included blood group serology in the Reference Laboratory, Antenatal Laboratory and automated setting. I gained wide experience in the application of radioimmunoassay and ELISA techniques in the Hepatitis and HIV Testing Laboratory and further experience in the use of immunofluorescence in the recognition of CMV infection and platelet antibody detection. The important role of the Blood Bank in the collection and preparation of blood and blood products and distribution to users was realised.

During this time I was also involved in the plasmapheresis programme involving the identification and collection of plasma from donors with hepatitis antibodies. I also saw the introduction of an 'anti-D' immunisation programme.

Wide laboratory experience has allowed me to recognise the importance of close liaison between the clinical and laboratory aspects of haematology to the benefit of patient, clinical and laboratory staff alike.

### 3 CLINICAL EXPERIENCE

This has been gained in three major centres:

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Royal Group of Hospitals BELFAST

Belfast City Hospital BELFAST

Royal Belfast Hospital for Sick Children BELFAST

In all hospitals the clinical aspects of the haematology service have involved the care of both in-patients and out-patients with a wide range of haematological disorders, including the care of haemophilic patients in both the Royal Victoria Hospital and Royal Belfast Hospital for Sick Children. I have been particularly associated with the treatment of patients with leukaemia and lymphoma and took part in the MRC trials in leukaemia and myeloma and the British National Lymphoma Investigation. I have further had the opportunity to become involved with the bone marrow transplantation programme in both the Royal Victoria Hospital and Belfast City Hospital, participating in the first-line care of patients undergoing this procedure.

Some wider experience has also been gained in the management of children and adults with non-haematological malignancies and this has involved participation in the U.K. Children's Cancer Study Group and EORTC Trials.

On occasion it was appropriate to take charge of the in-patient and/or out-patient unit in each hospital and this involved responsibility for the day to day assessment and management of the patients.

### 3.1 Deputising

The duties of locum consultant pathologist in Haematology at Whiteabbey Hospital were undertaken for one session per week for a total of two-and-half years. This commitment involved the provision of a consultative service in Haematology to Whiteabbey, Greenisland and the Moyle Hospitals and administrative duties within the Laboratories.

### 3.2 Research

Throughout my training period I maintained an interest in the research projects being carried out by the various departments to which I was attached. These projects have included research into erythropoietin and its biochemical activity, the role of haemorrhology in the assessment of risk and mechanism of peripheral vascular disease but, more particularly, my interest has been within the field of identification of cell markers on leukaemic and lymphoma cells in association with the study of the clinical manifestations and prognosis of these diseases. This latter interest has been maintained during my current appointment.

## 4 **TEACHING EXPERIENCE**

### 4.1 Undergraduates and Postgraduates

(i) This has included formal haematology seminars, seminars to other specialties, e.g. general medicine and anaesthetics and formal teaching for trainee pathologists, including the devising and administration of "mock" examinations for those sitting the final MRCPPath in Haematology.

(ii) Training of medical SHOs on rotation through clinical haematology

- (iii) Induction programmes on laboratory practice for all new medical staff
- (iv) Contributor to clinical meetings in Craigavon Area Hospital
- (v) Contributor to Medical SHO teaching programmes
- (vi) Contribution to training other staff through development of Cancer Unit
  - nursing staff ) neutropenic sepsis, administration of intra-thecal
  - pharmacists ) drugs etc.
- (vii) Contribution to training other staff
  - biomedical science staff

## 5 PREVIOUS CLINICAL ROLE

### 5.1 Background

I held the appointment of Consultant Pathologist in Haematology in the Southern Health and Social Services Board from March 1987, initially joining a senior colleague in the delivery of Haematology Services to the Area. In 1998 following the retirement of a senior colleague I was joined by a new colleague and in 2000 by a third.

My post was a new post with clinical and laboratory responsibilities based at Craigavon Area Hospital but with sessions in South Tyrone Hospital and responsibility for the organisation and management of the multi-disciplinary laboratory in Dungannon Hospital.

The Southern Area Board has a population of 301,000 with three hospital-based Trusts. Access to acute medical beds was granted with support from junior medical staff facilitating in-patient care of haematology patients. A wide range of haematological disorders is treated, mainly comprising of haematological malignancies but with a substantial and growing workload in anticoagulation and thrombophilia management.

### 5.2 Duties and Experience

Direct responsibility for the diagnosis and management of both in-patients and out-patients. Two Out-patient clinics are held each week in Craigavon Area Hospital. Facilities for the administration of out-patient chemotherapy and day procedures are now available in the Mandeville Unit in the Macmillan Building.

Inpatient care is now delivered in specialist beds on a mixed Haematology/Medical Ward. A third out-patient clinic is held each week in South Tyrone Hospital.

Expertise in the management of acquired disorders of coagulation has been developed relating particularly to general medicine, obstetrics, intensive care and general and vascular surgery.

Expertise and a special interest in the management of haematological malignancy (non-Hodgkin's lymphoma, Hodgkin's disease, myeloma, chronic leukaemias etc.) has been developed.

### 5.3 Management of patients on anticoagulants

An anticoagulant clinic is held weekly in Craigavon Area Hospital for the management of patients on oral anticoagulants. An advisory service is provided to General Practitioners and hospital practitioners on the management of patients on both oral and intravenous anticoagulants.

### 5.4 Advisory and Referral Service

An advisory and referral service is provided to General Practitioners and hospital practitioners on the appropriate haematological investigation of patients and the interpretation of diagnostic tests in haematology. Subsequent advice on the management of such patients is provided

5.4.1 The reporting of blood films, bone marrows and other appropriate samples is the responsibility of the Consultant Haematologist. A practical service in the obtaining of bone marrow samples is also offered.

5.4.2 Collaboration in national Clinical Trials (BNCI, MRC Trials) is pursued in the management of patients with haematological malignancies (list enclosed)

5.4.3 Research projects initiated by other departments and supported by the Haematology Department are encouraged.

### 5.5 Management/Administrative role

Lead Consultant in Haematology and Blood Transfusion(1998).Participation in the organisation and management of the Area Haematology Service was exercised as a continuing responsibility through the Laboratory Services Committee. This involved policy-making decisions, decisions concerning laboratory equipment purchase, development of future strategic direction for the department and assurance of quality in laboratory practice,pursuance of CPA accreditation and through initiation of an Area Blood Transfusion Committee..

### 5.6 Other experience

Attendance at Management Awareness Course for Clinicians (Training Council) Jan 1989.

Attendance at AIDS Counselling Course (National AIDS Training Council)  
August 1987.

Attendance at PROMPT Management Course (Learmouth and Burchett Management Systems Plc.). PROMPT is a management system for project specification, design and implementation, June 1991.

Attendance at Conference on "Care of Dying and Bereaved" (Lisa Sainsbury Foundation), 1990.

Participation in Action Learning in Management for Consultants in Pathology 1988 1992.

Attendance at Resource Management Course, March 1990.  
(Capita, Muir and Addy Ltd).

Attendance at "Understanding Microcomputers in Health Care"  
Northern Health and Social Services Board, April 1990.

Attendance at University of Ulster Health Service Financial Management Certificate Course  
- November, December 1991, and January 1992.

Attendance at meetings:      British National Lymphoma Investigation.  
                                     British Society for Haematology Annual Conference  
                                     NEQAS Coagulation meetings.

## 5.7 Projects

Co-ordinating role in implementation of Department of Health & Social Services Laboratory Computerisation Package in laboratories throughout the Southern area.

Author of review paper concerning implementation of laboratory computer system in Southern Health and Social Services Board and progress in Pathology costing, 1993.

Participation in Craigavon and Banbridge Unit of Management Review Group "Care of Terminally Ill".

Co-author of "Guidelines to Health Care Workers on Protection against infection with HIV and Hepatitis viruses". Southern Health and Social Services Board Infection Control Team and Department of Public Health Medicine.

Participation in HIV Steering Committee, Department of Public Health Medicine, Southern Health and Social Services Board.

Responsibility for HIV counselling in SHSS Board.

## 6 ADDITIONAL RESPONSIBILITIES

**Lead Consultant for Cancer Services January 1997**

**Chair of Chemotherapy Subgroup July 1998**

**Member of SHSSB Cancer Services Steering Group 1997**  
**-Chair of Breast Cancer sub-group SHSSB CSSG**

**Member Regional Advisory Committee on Cancer DHSSPS 1998**

Strategic partnership between Macmillan Cancer Relief, CAHGT and SHSSB developed during 1999 leading to commitment by Macmillan to funding of Lead Cancer Team and key posts in Cancer services and £500K contribution towards £1.76million capital project for Cancer services.

**Project Director for major capital scheme for Cancer Services (£1.76million)** including chemotherapy facilities, clinical oncology and haematology outpatients, palliative care services, symptomatic breast services and other cancer-related services, delivered on time and on budget.

**Member of Breast Cancer Implementation Group** contributing to development of breast





## Medical Director Role

- Executive member of Trust Board
- Clinical Governance Lead with responsibility for implementing clinical governance across the Trust
- Responsibility for, and active role in management of clinical negligence claims against Trust
- Responsibility for maintaining standards of 'Good Medical Practice', with line management responsibility for all medical staff in Trust
- Responsibility for implementing the new Consultant Contract and the 'New Deal' and EWTD for Junior Doctors
- Responsibility for development of strategic direction of clinical services in the Trust

## 8 OTHER MEDICAL INTERESTS

I have explored the use of medical hypnosis as an alternative strategy in the management of patients receiving chemotherapy for whom both anticipatory and post-chemotherapy emesis is a major problem. This has involved attending both introductory and advanced courses in the practice of hypnosis and has also led to interest in the wider applications of this technique as an adjunct to conventional medicine.

## 9 SOCIETIES

### Learned Societies

British Society for Haematology

Association of Clinical Pathologists

Haematology Association of Ireland

Ulster Society of Pathologists

Ulster Medical Society

British Society of Medical and Dental Hypnosis

## 10 RECREATIONAL ACTIVITIES

At the age of 11 years I learnt the rudiments of horsemanship and this has stood me in good stead to enjoy horse-riding throughout my school and university years on a purely recreational basis. In 1978, I fulfilled my ambition to own my own horse and for the 18 months prior to my move to Northern Ireland I enjoyed this experience despite the hard

work associated with horse management! I continue to ride and take an interest in equestrian matters.

Among my other interests are piano playing (for which I gained Grade VI of the Royal College of Music examinations), swimming (which I find a valuable form of relaxation and exercise), and gardening.

I participate in a Reading Club which ensures a broad experience of literature and contact with friends outside the medical profession.

## 10 PUBLICATIONS

1. Jejunoileal Tuberculosis: A Diagnostic Pitfall in Crohn's Disease.  
Caroline Humphrey, P N Wake, R Walker  
Br Med J, ii: 118-120 (1980)
2. Long Term intravenous Rifampicin after massive small bowel resection.  
P N Wake, C Humphrey and R Walker  
Tubercle 61 (1980): 109-111
3. Polycythaemia Rubra Vera in Monozygotic Twins.  
P Burnside, Deidre Salmon, Caroline Humphrey, J H Robertson, and  
T C M Morris  
Br Med J, ii: 283-284 (1981)
4. Thrombocytopenia and Haemolytic Anaemia due to Feprazene.  
T P Bell and Caroline Humphrey  
Br Med J, i: 17 (1982)
5. IgA Pyroglobulinaemia in Lymphoma.  
M Madden, T C M Morris, D Hayes,  
C A Humphrey, and J H Robertson  
J Clin Path, 36: 1084-1086 (1983)
6. The Intricate relationship of Myeloma and Myelofibrosis  
C A Humphrey and T C M Morris  
Brit J Haematol (1989): 73(2): 269-70
7. Prospective in vitro testing for drug-induced  
neutropenia in a patient requiring anti-malarial prophylaxis:  
confirmation of findings on exposure of patient to drug.  
C A Humphrey, A French and T C M Morris  
Clin Lab Haemat (1990), 12, 31-36
8. Campylobacter Enteritis and Haemolytic Anaemia.  
N N Damani, Barbara Bell and Caroline Humphrey  
Journal of Infectious Disease, January 1993.

Addendum to Curriculum Vitae of Dr Caroline Humphrey, October 2013

The post of Medical Director in Craigavon Area Hospital Group Trust was held from 6<sup>th</sup> May 2003 until 9<sup>th</sup> September 2005

The post of Medical Director in The Regulation and Quality Improvement Agency was held with effect from September 2005 until April 2006.

Date of formal retirement June/July 2007.