

Curriculum Vitae
Mr Tim P. Lawrence BM MRCS FRGS
Oxford Neurosurgery Specialist Registrar

Personal Details

Address:	116A WALTON STREET, OXFORD. OX2 6AJ Telephone: 07966005190 Email: timlawrence78@gmail.com	Date of Birth: 17/03/1978 Nationality: British Sex: Male Marital Status: Single
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Qualifications

MRCS (Member of the Royal College of Surgeons) 2007
FRGS (Fellow of the Royal Geographic Society) 2005
BM Southampton University School of Medicine 2004

Career Plan

Having been appointed as a Neurosurgery Registrar in Oxford it is my intention to gain a first class training in this speciality resulting in completion of FRCS and CCT. I also intend to work to maintain the outstanding training reputation that Oxford currently holds.

I would like to embark on a fellowship or a period of research at a later stage in my training to broaden my trauma experience allowing me to manage and direct the care of multiply injured patients in the acute setting both in the field and in the Emergency Department.

Professional Organisations

Member of the Royal College of Surgeons
Member of the Medical Protection Society

Education

Member of the Royal College of Surgeons (MRCS) – October 2007
1999 - 2004: Southampton University School of Medicine.
A-Level: Chemistry, Biology, History, General Studies, English Lit. and Psychology.

Medical School Achievements

Academic:

Distinction years 2 and 4.
Distinction year 4 research project.
Distinction year 5 placement, Mount Sinai School of Medicine, New York.
End of Year Prize, year 2.

Extra-curricula:

Co-Founder and President of the Fausto Iannotti Surgical Society 2001 - 2004. Initiated and organised wet specimen anatomy classes for clinical students, suturing tutorials for pre-clinical students, and an evening lecture series for medical students and junior medical staff.

The Royal College of Surgeons Medical Student Liaison Committee 2002 – 2004.

Vice President of the Southampton University Surf Club 2001 - 2002.

Clinical Rotations:

Neurosurgery, *Mount Sinai School of Medicine*, New York, USA, 2004. ***Distinction***

Emergency Medicine, *Mount Sinai School of Medicine*, New York, USA, 2003.

Distinction

Vascular Surgery, *Harvard School of Medicine*, Boston, USA 2003.

Electives:

Facial Reconstructive Surgery and Cataract Surgery, Indonesia June-July 2002.

Community Health, The Thar Desert Region, Rajasthan, India 2001.

General Medicine and General Surgery, Mosvold Hospital, Kwazulunatal, South Africa, 2000.

Appointments – Clinical

Neurosurgery St3-St8, Oxford. August 2008 – August 2014

A&E Registrar Locum, Oxford (ongoing)

Neurosurgery St2, Oxford. April 2008 to August 2008 (4 months).

Paediatric Neurosurgery St2, Oxford. December 2007 to March 2008 (4 months).

Neurology St2, Oxford. August 2007 to November 2007 (4 months).

Oxford SHO Surgical Rotation Feb 2006 - Aug 2007. SHO posts in:

Neurosurgery (6 months)

Trauma & Orthopaedics (6 months)

A&E (6 months)

A&E SHO, Oxford. August 2005 - February 2006 (6 months).

House Jobs:

General Surgery. August 2004 - February 2005, Southampton General Hospital

General Medicine. February 2005 – August 2005, Southampton General Hospital.

Appointments – Teaching

Clinical Tutor in Surgery, Magdalen College, University of Oxford. November 2007 to date

Clinical Tutor in Surgery, St.Peter's College, University of Oxford. November 2007 to date

Oxford School of Medicine Surgical Tutor Sept 2006 to date

Experience Gained

Neurosurgery:

Experience in all aspects of the surgical and medical management of key neurosurgical conditions on the ward, in theatre, in Neuro ITU and in the Emergency Department. Expanding log book in a wide range of emergency and elective neurosurgical procedures ranging from vital on call life and limb saving operations - such as laminectomy for cauda equina, trauma craniotomies, VP shunts and other urgent CSF diversion operations, posterior fossa craniotomies - to complex elective elective neurosurgery.

T&O: Operating experience:

Trauma list, independent operating including DHS, removal of metal work, I&D, multi-layer wound closure, MUA.

Under supervision: Total knee replacement, knee arthroscopy, carpal tunnel release, cannulated screws

Assisted: wide range of elective procedures, upper limb, lower limb and spine.

Running trauma calls. First on call for trauma, managing all aspects of first line trauma care.

Emergency Department:

Registrar for the department at night, responsible for all aspects of the ED including Majors, Minors and Resus.

Fracture reduction, burns, minor ops including multi-layer wound closure, pericardiocentesis, chest decompression and drains, running adult and paediatric trauma calls, adult and paediatric arrest calls, thrombolysis. Paediatric, gynaecology and

ophthalmology exposure.

PRHO Surgery and Medicine:

Appendectomy and emergency laparotomy with Registrar assistance.

Central line, arterial line placement, suprapubic catheterisation. Chest drains pleural taps, lumbar punctures,

Audit and Guidelines

OXHead – Head Injury Database. Ongoing project to collect data for all patients admitted to hospital with a head injury.

STASH – Oxford contact.

Neurosurgery Infections Audit. ***Presented at Departmental Meeting March 2009.***

Weekly and 2 monthly admissions data, Oxford Department of Neurosurgery, December 2007 – June 2009. ***Presented weekly at Departmental M&M and 2 monthly at the Departmental Meeting, Oxford.***

Personal Opinions regarding organ donation amongst Neuroscience Health Care Professionals, Oxford. *Ongoing*

Delay prior to surgical fixation of fractured neck of femur, Northampton General Hospital. ***Presented at Hospital Audit Meeting, 12/01/2007.***

Quality of notes on T&O wards, Northampton General Hospital. ***Presented at Departmental Meeting 20/10/2006.***

Guidelines on the management of acute low back pain in the A&E setting. Currently in use as protocol in Oxford and Northampton General A&E department. ***Presented at Departmental Meeting 12/06/2006***

Seroma formation following breast surgery for cancer, with or without the placement of a drain. Poole Hospital. ***Presented 09/2004.***

Trauma theatre activity between the hours of 5-9 pm, auditing the frequency and nature of cancellation of emergency orthopaedic operations. Southampton General Hospital.

Presented 28/01/05. Published on the Southampton University Hospitals Trust Intranet.

Perceptions of back pain amongst General Practitioners and Physiotherapists in the South of England. Southampton General Hospital Orthopaedic Spinal Team.

Quality of research in JBJS in the last ten years.

Research – Lab Based

NPY augments the proliferative effect of FGF2 and increases FGFR1 expression on nestin positive hippocampal precursor cells via the Y1 receptor. Chimara Rodrigo, Timothy Lawrence, Owain Howell, Alexandra Laskowski, Malik Zaben and William P. Gray. ***Submitted for publication to the European Journal of Neuroscience.***

July 2002 – December 2006. Proliferation and differentiation of hippocampal progenitor/stem cells under the influence of BDNF and NPY, Department of Clinical Neurosciences, Southampton School of Medicine. An lab based research project

including eight months of full time lab work. An investigation into the role of specific proliferative factors on hippocampal neurogenesis using monolayer cell cultures prepared from 6-10 day old rats. Immunohistochemical techniques were used to visualize cell types. My findings showed that NPY plays a central role in hippocampal neurogenesis. Identification of molecular signals that control neurogenesis is essential for the application of neural stem cell biology to develop repair strategies for neurodegenerative disorders. Supervisor Prof W.P.Gray, Consultant Neurosurgeon. **Stage Presentation, Southampton University Research Meeting. Awarded Distinction.**

Publications

Neurosurgery Section - ***Clinical Surgery, Third Edition, Elsevier Saunders 2009***

Intracranial Abscesses - ***Oxford Textbook of Medicine, Oxford University Press 2009***

Serpentine Tongue - A Lingual Dyskinesia. Sheehy SHC, Lawrence T, Thevathasan A W. ***Journal of Neurology, December 2007.***

Transient quadriparesis following neck injury: presentation of a Chiari 1 malformation 10.1007/s00590-005-0249-3. Kurup H, Lawrence T, & Hargreaves D. ***European Journal of Orthopaedic Surgery and Traumatology, June 2005. ISSN 1633-8065 (Paper) 1432-1068 (Online).***

Hyperventilation in the acute management of traumatic brain injury. Lawrence T, Jalloh I. Literature Review, submitted online, ***BestBETS, Best Evidence Topics, 02/2007***

The use of statins for the prevention of vasospasm in subarachnoid haemorrhage. Jalloh I, Lawrence T. Literature Review, published online, ***BestBETS, Best Evidence Topics, 03/2006 and submitted to EMJ.***

The use of traditional medical practice amongst inhabitants of the Minkebe Region of Gabon, Central Africa. Lawrence T. ***41pp. B&W illus. Maps. 4583 The Royal Geographic Society Archive, 2002.***

Research – Developing World Medicine

June 2001 - Aug 2001. Health issues facing the population of the Tsar Desert, Rajasthan India. In association with the GRAVIS organisation. ***Published and in use as a fund raising pamphlet.***

Presentations – International Podium/Lecture

July 2002, Morbidity and Mortality, case presentation, ***Harvard School of Medicine, Boston, USA.*** February 2001.

Expedition Findings Gabon 2000, ***The Royal Geographic Society, London.***

Presentations – National

October 2007. Management of the Unconscious Patient, Medical Protection Society, House Officer Preparation Course, University College London.

May 2003. Hippocampal stem/progenitor cells, Fourth Year Study in Depth Project Conference, Southampton School of Medicine. *Awarded Distinction.*

Presentations – Hospital/Departmental

Weekly and two monthly M&M and audit figures. *Oxford Department of*

Neurosurgery, December 2007 – August 2008

Neuroscience Grand Round, Post SAH Decline, *Oxford Department of Neuroscience, March 2007*

Departmental Meeting, presentation of a case series to illustrate problems in post-operative care and fluid management, *Northampton General Hospital, December 2006*

Departmental presentation of audit. *Northampton General Hospital, February 2007*

Morbidity and Mortality case presentation, *Northampton General Hospital, October 2006*

Case presentations and SHO/medical student teaching sessions, *Northampton General Hospital, February 2006 – August 2006*

Case presentations and power point presentations, *John Radcliffe Hospital, Oxford, August 2005 - February 2006.*

Medical Journal Club – Presentation and critical appraisal of a paper and case, *Southampton General Hospital, May 2005*

Surgical Journal Club – Presentation and critical appraisal of a paper, *Southampton General Hospital, January 2005*

Hippocampal stem/progenitor cells, interdepartmental research meeting, *Southampton University, April 2003*

Teaching

Clinical Tutor in Surgery, Magdalen and St. Peter's Colleges, University of Oxford.

University of Oxford, Department of Clinical Neurology and Neurosurgery, Tutor.

University of Oxford, School of Medicine, Surgical Tutor for year 4 & 6 Medical Students.

University of Oxford, Nuffield Department of Orthopaedic Surgery, Medical Student teaching. Awarded special recognition by the students.

University of Southampton, Medical Student teaching, Orthopaedics, General Surgery and General Medicine; ward based, practical procedures, case history and power point

presentations to small groups.

ASSI qualified Snowboard and Ski Instructor.

Courses

BASICS - Intensive Care, Oxford, UK. March 2009.

Medtronic Drill Course, Lausanne, Switzerland. February 2009.

CCrISP (Care of the Critical Ill Surgical Patient), Royal College of Surgeons, London. April 2008.

Neuro ITU Fundamentals, Prague. April 2008.

EIDD Computer Training, Oxford. April 2008.

Wessex MRCS Preparation Course. October 2007.

UNICON – Oxford University Teaching Course, March 2007.

Basic Surgical Skills Course, Royal College of Surgeons, London, November 2006.

ATLS, Northwick Park Hospital, London, March 2006.

Immediate Life Support (ILS), Southampton General Hospital, May 2004.

E-Quest Computer Training, Southampton General Hospital, April 2005

Ward Results Enquiry Computer Training, Southampton General Hospital, Aug 2004

Acute Life-Threatening Events Recognition and Treatment (ALERT), Southampton General Hospital, Aug 2004.

Expedition Medicine, The Royal Geographic Society in association with the Institute of British Geographers, London England March 2000.

Conferences

Hammersmith Medical Communication Course March 2007

Oxford Neuroscience Road Show, Northampton General Hospital, December 2006.

HEMS (Helicopter Emergency Medical Service) Neurotrauma Clinical Governance Day, November 2005

Additional Experience

HEMS (Helicopter Emergency Medical Service, London). Observer
South African Flying Doctor Service. Volunteer

Interests and Achievements

International Expeditions:

Organiser, Fundraiser and Medical Officer for The Royal Geographic Society (RGS) Expedition to Gabon, Central Africa, 2000, in conjunction with the World Wide Fund for Nature, The British Council and Southampton University. ***Findings published by the RGS and presented at the RGS in London on return.***

Mount Cameroon Challenge, Summit of Mount Cameroon, 1999.

Organiser and Fundraiser for additional expeditions to Central Africa 1999, India 2001, Indonesia 2002 & 2004.

Recognition by the Royal Geographic Society with the award of Fellowship in 2004.

Winner of the Michael Palin Expedition Award (Royal Geographic Society).

British Council Award and a Millennium Fellow with lifetime membership of the Millennium Awards Fellowship.

Surfing, Snowboarding, Marathon Running

Referees

Mr. Richard Kerr

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