

## *Noor ul Owase Jeelani*

GMC Registration No.	4411406
CCT (Neurosurgery)	2008/01036/01
Nationality	British

### **CURRENT APPOINTMENTS**

**Head of Clinical Services - Neurosurgery** (2012 - date)  
*Great Ormond Street Hospital, London, UK*

*I am the Lead Clinician for the Department of Neurosurgery at Great Ormond Street Hospital. This is one of the largest paediatric neurosurgery services globally with an annual workload of around 1100 cases.*

**Consultant Paediatric Neurosurgeon and Craniofacial Surgeon** (2009 - date)  
*Great Ormond Street Hospital, London, UK*

*I am employed on a full time basis between the Neurosurgical and Craniofacial Departments. My areas of specialisation are Craniofacial Surgery, Neuro-Oncology and ICP / CSF pathologies.*

**Co-Director of FaceValue** (2012 - date)  
**GOSH & ICH**

*FaceValue is an academic research programme that analyses 3D changes in the craniofacial skeleton and uses this data for designing novel distractor devices. Supported by the grant income, this programme has a research budget of approximately 2 million GBP.*

**Director** (2012 - date)  
**London Craniofacial Unit**

*The London Craniofacial Unit is a Craniofacial Practice based in the private sector in London, UK. It provides highly specialised Multidisciplinary management of patients globally with Craniofacial and allied disorders. It is one of the largest services of its kind dedicated to excellence in healthcare delivery, research, training and education.*

## QUALIFICATIONS

Postgraduate Diploma in Paediatric Neurosurgery <i>European Society of Paediatric Neurosurgery</i>	2008 – June
Intercollegiate Fellow of the Royal College of Surgeons (Neurosurgery) <i>England, Glasgow, Edinburgh, Ireland</i>	2007 - March
Master of Philosophy in Medical Law <i>University of Glasgow, UK</i>	2005 – July
Master of Business Administration ( <i>Health Economics major</i> ) <i>Business School, INSEAD Singapore, France</i> <i>Wharton Business School, Univ. Of Pennsylvania, US</i>	2002 - Dec
Member of the Royal College of Surgeons <i>England, Edinburgh</i>	2001 - Oct
Bachelor of Medicine, Bachelor of Surgery <i>University of Nottingham, UK</i>	1997 - July
Bachelor of Medical Sciences ( <i>Molecular Genetics</i> ) <i>University of Nottingham, UK</i>	1995 - July

## INNOVATIONS

1. I led the FaceValue Research team and pioneered the design and ‘first in human’ implementation of the ‘GOSH springs’ for use in Craniofacial Surgery. Their utility has been established in Cranial Vault Expansion and reconstruction surgery, making the surgery safer, easier and significantly more cost efficient. This technique has been adopted by a number of other centres internationally. The IP has been acquired by KLS Martin, a German medical devices company for global use under the trademark, CranioXpand.
2. My FaceValue Research Group, is currently working at developing further novel distractors using shape memory metals to achieve more predictable and uniform craniofacial distraction. This technology is patented and we are currently in bench testing phase.
3. Our group was the first in the world to publish the use of the StealthStation® intra operative navigation system in Craniofacial Distraction Surgery. This adjunct offers significant advantages to such surgery resulting in this work being published in the Journal of Craniofacial Surgery.
4. Our group has acquired and processed the worlds largest database of normative data on human faces using geometric morphometrics. The application of this database is vast ranging from use in Craniofacial Surgery to automated facial recognition platforms.

## PUBLICATIONS

Richard Hayward, Jonathan Britto, David Dunaway, Owase Jeelani: *Connecting raised intracranial pressure and cognitive delay in craniosynostosis: many assumptions, little evidence*. Journal of neurosurgery Pediatrics, 18(2), pp.242–250. 2016

Alessandro Borghi, Will Rodgers, Silvia Schievano, Allan Ponniah, Justine O'Hara, Owase Jeelani, David Dunaway: *Design, Manufacturing, and In Vitro Testing of a Patient-Specific Shape-Memory Expander for Nose Reconstruction With Forehead Flap Technique*. The Journal of craniofacial surgery 12/2015; 27(1). DOI:10.1097/SCS.0000000000002251

Hoong-Wei Gan, Chloe Bulwer, Owase Jeelani, Michael Alan Levine, Márta Korbonits, Helen Alexandra Spoudeas: *Treatment-resistant pediatric giant prolactinoma and multiple endocrine neoplasia type 1*. International Journal of Pediatric Endocrinology 12/2015; 2015(1):15. DOI:10.1186/s13633-015-0011-5

Ghassan S. Abu-Sittah, Owase Jeelani, David Dunaway, Richard Hayward: *Raised intracranial pressure in Crouzon syndrome: incidence, causes, and management*. Journal of Neurosurgery Pediatrics 11/2015; DOI:10.3171/2015.6.PEDS15177

David Dunaway, N U Owase Jeelani: *Staged separation of craniopagus twins*. Seminars in Pediatric Surgery 09/2015; 24(5):241-8. DOI:10.1053/j.sempedsurg.2015.07.008

Richard Hayward, Jonathan A Britto, David Dunaway, Robert Evans, Noor Ul Owase Jeelani, Dominic Thompson: *Letter to the Editor: Raised intracranial pressure and nonsyndromic sagittal craniosynostosis*. Journal of Neurosurgery Pediatrics 05/2015; 16(3):1-4. DOI: 10.3171/2014.11.PEDS14625

Ivo Gwanmesia, Owase Jeelani, Richard Hayward, David Dunaway: *Frontofacial Advancement by Distraction Osteogenesis*. Plastic & Reconstructive Surgery 02/2015; 135(2):553-60. DOI:10.1097/PRS.0000000000001115

William Breakey, Chris Abela, Robert Evans, Owase Jeelani, Jonathan Britto, Richard Hayward, David Dunaway: *Hypertelorism Correction With Facial Bipartition and Box Osteotomy: Does Soft Tissue Translation Correlate With Bony Movement?*. Journal of Craniofacial Surgery 12/2014; 26(1). DOI: 10.1097/SCS.0000000000001237

Hoong-Wei Gan, Chloe Bulwer, Owase Jeelani, Marta Korbonits, Helen Spoudeas: *Paediatric pituitary adenomas: rare, complex, and by no means benign*. 10/2014; DOI:10.1530/endoabs.36.OC1.1

Mike A. Moses, Ben C. Green, Sabrina Cugno, Richard D. Hayward, Noor U. Owase Jeelani, Jonathan A. Britto, Neil W. Bulstrode, David J. Dunaway: *The Management of Midline Frontonasal Dermoids: A*

*Review of 55 Cases at a Tertiary Referral Center and a Protocol for Treatment.* Plastic & Reconstructive Surgery 10/2014; 135(1). DOI:10.1097/PRS.0000000000000833

Vikram P. Sharma, Aimee L. Fenwick, Mia S. Brockop, Simon J. McGowan, Jacqueline A. C. Goos, A. Jeannette M. Hoogeboom, Angela F. Brady, Nu Owase Jeelani, Sally Ann Lynch, John B. Mulliken, Dylan J. Murray, Julie M. Phipps, Elizabeth Sweeney, Susan E. Tomkins, Louise C. Wilson, Sophia Bennett, Richard J. Cornall, John Broxholme, Alexander Kanapin, David Johnson, Steven A. Wall, Peter J. van der Spek, Irene M. J. Mathijssen, Robert E. Maxson, Stephen R. F. Twigg, Andrew O. M. Wilkie: *Erratum: Mutations in TCF12, encoding a basic helix-loop-helix partner of TWIST1, are a frequent cause of coronal craniosynostosis (Nature Genetics (2013) 45 (304-307)).* Nature Genetics 10/2013; 45(10). DOI:10.1038/ng1013-1261a

Rachel Shute, Owase Jeelani, Lucy Lee, Eileen Brennan, Detlef Bockenbauer, Angela Barnicoat, Rukshana Shroff: *Rapid head growth in a baby with ADPKD: Answers.* Pediatric Nephrology 06/2013; 29(2). DOI:10.1007/s00467-013-2489-5

Rachel Shute, Owase Jeelani, Lucy Lee, Eileen Brennan, Detlef Bockenbauer, Angela Barnicoat, Rukshana Shroff: *Rapid head growth in a baby with autosomal dominant polycystic kidney disease (ADPKD): Questions.* Pediatric Nephrology 06/2013; 29(2). DOI:10.1007/s00467-013-2488-6

Dariusz Nikkhah, Rostam Farhadieh, Owase Jeelani, David Dunaway: *An Intrasinus Approach to the Monobloc Osteotomy.* Plastic and Reconstructive Surgery 03/2013; 131(3):455e-6e. DOI:10.1097/PRS.0b013e31827c7262

Aina V H Greig, Jonathan A Britto, Christopher Abela, Helen Witherow, Robin Richards, Robert D Evans, N U Owase Jeelani, Richard D Hayward, David J Dunaway: *Correcting the Typical Apert Face: Combining Bipartition with Monobloc Distraction.* Plastic and Reconstructive Surgery 02/2013; 131(2):219e-30e. DOI:10.1097/PRS.0b013e3182778882

Alistair R.M. Cobb, Peter Boavida, Rosanne Docherty, David Dunaway, Dawn E Saunders, Owase Jeelani, Richard D Hayward: *Monobloc and Bipartition in Craniofacial Surgery.* The Journal of craniofacial surgery 01/2013; 24(1):242-6. DOI:10.1097/SCS.0b013e31827001fe

C. A. Abela, L. Mclellan, K. Truscott, O. Jeelani, D. Dunaway, J. Britto, R. Hayward, B. Jones, Z. Diwan: *A 10 YEAR EXPERIENCE OF OVER 100 FRONTOFACIAL PROCEDURES IN SYNDROMIC CHILDREN AND THEIR COMPLICATIONS.* Journal of Neurology Neurosurgery & Psychiatry 11/2012; 83(Suppl 2):A5-A6. DOI:10.1136/jnnp-2012-304200a.22

Dunaway DJ, Britto JA, Abela C, Evans RD, Jeelani NU: *Dunaway DJ, Britto JA, Abela C, Evans RD, Jeelani NU. Complications of frontofacial advancement. Childs Nerv Syst. 2012 Sep;28(9):1571-6..* Child s Nervous System 09/2012; 28(9):1571-6.

- David J Dunaway, Johnathan A Britto, Christopher Abela, Robert D Evans, N U Owase Jeelani:  
*Complications of frontofacial advancement*. Child s Nervous System 09/2012; 28(9):1571-6. DOI:  
10.1007/s00381-012-1804-y
- Alistair R M Cobb, N Owase Jeelani, Peter R Ayliffe: *Orbital fractures in children*. British Journal of Oral  
and Maxillofacial Surgery 04/2012; 51(1). DOI:10.1016/j.bjoms.2012.03.006
- R Bhatia, K Harris, J Hartley, O Jeelani, W Harkness: *Serial PCR genetic load determination in the surgical  
management of pneumococcal intracranial sepsis*. Child s Nervous System 02/2012; 28(4):515-20.  
DOI:10.1007/s00381-012-1715-y
- Abdelmoneim E.M. Kheir, David J. Dunaway, Owase N. U. Jeelani, Nader Osman: *Successful separation of  
craniopagus conjoined twins*.
- Noor Ul Owase Jeelani, Panitha Jindahra, Mandeep S Tamber, Tak Lap Poon, Paul Kabasele, Merle James-  
Galton, John Stevens, John Duncan, Andrew W McEvoy, William Harkness, Gordon T Plant:  
*"Hemispheric asymmetry in the Meyer's Loop" – a prospective study of visual field deficits in 105  
cases undergoing anterior temporal lobe resection for epilepsy*. Journal of neurology, neurosurgery,  
and psychiatry 09/2010; 81(9):985-91. DOI:10.1136/jnnp.2009.182378
- N U Owase Jeelani, Abhaya V Kulkarni, Pani Desilva, Dominic N P Thompson, Richard D Hayward:  
*Postoperative cerebrospinal fluid wound leakage as a predictor of shunt infection: A prospective  
analysis of 205 cases: Clinical article*. Journal of Neurosurgery Pediatrics 09/2009; 4(2):166-9. DOI:  
10.3171/2009.3.PEDS08458
- Edmund J. Fitzgerald O'Connor, Damian D Marucci, Nu Owase Jeelani, Helen Witherow, Robin Richards,  
David J Dunaway, Richard D Hayward: *Ocular Advancement in Monobloc Distraction*. Plastic and  
Reconstructive Surgery 06/2009; 123(5):1570-7. DOI:10.1097/PRS.0b013e3181a07625
- Noor Ul Owase Jeelani, M Ayub Khan, Edmund J. Fitzgerald O'Connor, David Dunaway, Richard Hayward:  
*Frontofacial Monobloc Distraction Using the StealthStation Intraoperative Navigation System: The  
Ability to See Where You Are Cutting*. The Journal of craniofacial surgery 05/2009; 20(3):892-4. DOI:  
10.1097/SCS.0b013e3181a14d70
- E. Fitzgerald O'Connor, D. D. Marucci, N. U. Owase Jeelani, H. Witherow, D. J. Dunaway, R. D. Hayward:  
*O.038 Ocular advancement in monobloc distraction*. Journal of Cranio-Maxillofacial Surgery 09/2008;  
36. DOI:10.1016/S1010-5182(08)71162-4
- Jean-Rodolphe Vignes, N.U. Owase Jeelani, Ashfaq Jeelani, Michel Dautheribes, Dominique Liguoro:  
*Growing Skull Fracture after Minor Closed-Head Injury*. The Journal of pediatrics 10/2007; 151(3):  
316-8. DOI:10.1016/j.jpeds.2007.04.041

Jean-Rodolphe Vignes, N u Owase Jeelani, Michel Dautheribes, François San-Galli, Dominique Liguoro:  
Cranioplasty for repair of a large bone defect in a growing skull fracture in children. *Journal of Cranio-  
Maxillofacial Surgery* 05/2007; 35(3):185-8. DOI:10.1016/j.jcms.2007.04.002

Jeelani, N. U., Braithwaite, B. D., Tomlin, C., & MacSweeney, S. T. (2000). Variation of method for  
measurement of brachial artery pressure significantly affects ankle-brachial pressure index values.  
*European Journal of Vascular and Endovascular Surgery : the Official Journal of the European Society  
for Vascular Surgery*, 20(1), 25–28.

Jeelani, N. O., Jaspan, T., & Punt, J. A. (1999). Lesson of the week: tethered cord syndrome after  
myelomeningocele repair. *BMJ (Clinical Research Ed.)*, 318(7182), 516–517.

N. U. Owase Jeelani, Laligam N. Sekhar, William O. Bank: ``Angiogram-negative" subarachnoid  
hemorrhage: a current perspective. *Critical Reviews in Neurosurgery* 09/1997; 7(5):324-332. DOI:  
10.1007/s003290050042

### **Book Chapter**

Paediatric Thalamic Tumours  
**N u O Jeelani**, P B Dirks  
In *Yeomans Neurological Surgery*, 7<sup>th</sup> edition

### **Theses**

The legal dimension of the N3 – the NHS national network  
*(a thesis submitted for Masters degree in Medical Law, University of Glasgow, 2005)*

Mapping of the regulatory regions of the gene of Alpha-1-antichymotrypsin and their importance in  
regulating a molecule that plays a role in Alzheimer's disease.  
*(a thesis at the Dept. of Pathology, Queens Medical Centre, Nottingham, UK , 1995)*

### **Audit**

Man vs Woman vs Machine in the assessment of ankle: brachial pressure indices  
**N u O Jeelani**, B Braithwaite, C Tomlin, S Macsweeney;  
*British Journal of Surgery* 1999, Vol 89(S1):19

## PRESENTATIONS

- Keynote Speaker: Separation of Craniopagus Twins.  
at **American Society of Craniofacial Surgery and Paediatric Neurosurgery**  
Hawaii, US Jan 2017
- ICUP - Raised Intracranial Pressure causing unnecessary procedures  
at **American Society of Craniofacial Surgery and Paediatric Neurosurgery**  
Hawaii, US Jan 2017
- Spring assisted treatment of Sagittal Synostosis  
at **American Society of Craniofacial Surgery and Paediatric Neurosurgery**  
Hawaii, US Jan 2017
- 100 Cases of Posterior Vault Expansion Surgery - Technique, Complications, Intracranial Volume Changes and its effect on Ophthalmic Assessment  
at **International Society of Paediatric Neurosurgery**  
Izmir, Turkey, Oct 2015
- Benefits and Limitations of the Use of Springs in the Correction of Scaphocephaly, our first 100 cases  
at **International Society of Craniofacial Surgeons**  
Tokyo, Japan, Sept 2015
- It is Springtime at GOSH - an update  
at **UK NCG Annual Craniofacial Meeting**  
London May 2014
- The evolution of the posterior vault expansion  
at **American Association of Neurosurgery - Paediatric meeting**  
Toronto, Canada, Dec 2013
- The evolution of the posterior vault expansion  
at **International Society of Craniofacial Surgeons**  
Jackson Hole, Wyoming, US, Sep 2013
- It is Springtime at GOSH - but there is rain  
at **UK NCG Annual Craniofacial Meeting**  
Birmingham, May 2013
- It is Springtime at GOSH - an update  
at **UK NCG Annual Craniofacial Meeting**  
Liverpool, May 2011
- It is Springtime at GOSH - an update  
at **UK NCG Annual Craniofacial Meeting**  
London May 2010
- Spring assisted posterior vault distraction for raised Intracranial Pressure in syndromic Craniosynostosis  
at **Congress of Neurological Surgeons**  
New Orleans, Oct '09
- Raised Intracranial pressure in Pfeiffers Syndrome  
at **International Society of Craniofacial Surgeons**  
Oxford, Sept'09
- The Stealthstation guided monobloc – the ability to see where you are cutting  
at **International Society of Craniofacial Surgeons**  
Oxford, Sept'09

Spring assisted posterior vault distraction – a review of our first years workload of 15 cases  
at **International Society of Craniofacial Surgeons**  
Oxford, Sept'09

What is the natural history of raised Intracranial Pressure in Syndromic Craniosynostosis  
at **UK NCG Annual Craniofacial Meeting**  
Oxford, May '08

The GOSH monobloc series: lessons from 64 cases  
at **UK NCG Annual Craniofacial Meeting**  
Oxford, May '08

It is Springtime at GOSH  
at **UK NCG Annual Craniofacial Meeting**  
Oxford, May '08

The spectrum of spinal dysraphism in children with urogenital abnormalities  
at **International Society of Paediatric Neurosurgeons**  
Liverpool, Sept'07

CSF shunt infection in Children: a 2 year experience of 348 procedures.  
at **International Society of Paediatric Neurosurgeons**  
Liverpool, Sept'07

Visual field deficits and their effect on driving in patients undergoing surgery for mesial temporal sclerosis – a prospective study of 91 cases  
at **Congress of Neurological Surgeons**  
Chicago, October'06

Childhood craniopharyngioma: Can an evidence based approach improve outcome  
at **Congress of Neurological Surgeons**  
Chicago, October'06

Visual Field deficits in patients undergoing temporal lobe surgery – a prospective series of 105 patients  
at **Society of British Neurological Surgeons**  
Preston, September'06

CSF shunt infection in Children: a 2 year experience of 348 procedures.  
at **Society of British Neurological Surgeons**  
London, April'06

Man vs Woman vs Machine in the assessment of ankle: brachial pressure indices  
at **Association of Surgeons of Great Britain and Ireland  
Surgical Research Society**  
Brighton May,99

Mortality in patients with severe closed head injury. Are we undermining our results  
at **Society of British Neurological Surgeons**  
Leeds April'99

Underestimation of mortality in patients with severe closed head injury  
at **British Intensive Care society annual meeting**  
London Dec'98

“ABPIs: Man Vs Woman Vs Machine”  
at **Trent Region Vascular Society AGM**  
Sheffield March'98



Angiogram Negative Sub-Arachnoid Haemorrhage - A current perspective.  
 at **George Washington University Grand Round**  
 Washington D.C. April'97

**COURSES AND MEETINGS ATTENDED**

American Society of Paediatric Neurosurgery American Society of Craniofacial Surgery Annual Meeting	Hawaii, US	2017 - Jan
International Society of Paediatric NeuroOncology Biennial Meeting	Liverpool, UK	2016 - June
British Paediatric Neurosurgery Group Annual Meeting	Nottingham, UK	2016 - March
International Society of Paediatric Neurosurgery 43 <sup>rd</sup> Annual meeting	Izmir, Turkey	2015 - oct
International Society of Craniofacial surgery XVI Biennial Congress	Tokyo, Japan	2015 – sept
UK NCG Annual Craniofacial Day Risky Business	Liverpool, UK	2015 - may
UK NCG Annual Craniofacial Day	London, UK	2014 - sept
UK NCG Annual Craniofacial Day	London, UK	2014 - may
American Association of Neurological Surgeons – Paediatric Section Annual Meeting	Toronto, Canada	2013 - dec
International Society of Craniofacial surgery XV Biennial Congress	Jackson Hole, USA	2013 – sept
UK NCG Annual Craniofacial Day	Birmingham, UK	2013 - may
European Society of Craniofacial Surgery Biennial Meeting	Gotenburg, Sweden	2012 - sep
UK NCG Annual Craniofacial Day	Oxford, UK	2012 - may
UK NCG Annual Craniofacial Day	Liverpool, UK	2011 - may
Society of British Neurological Surgeons (Hosts)	London, UK	2010 – sept
UK NCG Annual Craniofacial Day	London, UK	2010 - may
Congress of Neurological Surgeons 59 <sup>th</sup> annual meeting	New Orleans, USA	2009 - oct
International Society of Craniofacial surgery XIII Biennial Congress	Oxford, UK	2009 – sept
Lougheed Hands-on Epilepsy Course [Instructor]	Toronto, Canada	2009 - may

University of Toronto

Growth and Development in Craniofacial Anomalies Albert Einstein College of Medicine	New York, USA	2008 - nov
European Society of Paediatric Neurosurgeons 7 <sup>th</sup> postgraduate course (part 3)	Salerno, Italy	2008 - june
UK NCG Annual Craniofacial Day	Oxford, UK	2008 - may
British Association of Plastics Reconstructive and Aesthetic Surgeons - Craniofacial Course	Manchester, UK	2008 - april
British Paediatric Neurosurgical Group Annual meeting	Manchester , UK	2008 - march
Windsor Leadership final meeting St George's House, Windsor castle	Windsor, UK	2007 - nov
Children in Distress-Educational conference	Pitesti, Romania	2007 - oct
ILAE SpR teaching weekend in Epilepsy	Oxford, UK	2007 – sept
International Society of Paediatric Neurosurgery Annual meeting	Liverpool, UK	2007 - sept
International Society of Craniofacial surgery XII Biennial Congress	Salvador, Brazil	2007 – august
Windsor Leadership meeting St George's House, Windsor castle	Windsor, UK	2007 - may
UK NCG Annual Craniofacial Day	Liverpool, UK	2007 – may
European Society of Paediatric Neurosurgeons 7 <sup>th</sup> postgraduate course (part 2)	Silvikri, Turkey	2007 - april
Specialist fellowship course in Neurosurgery Barts and the Royal London	London, UK	2007 – march
International Workshop on Functional Neurosurgery for Movement Disorders and Mental Illness	London, UK	2007 – feb
Congress of Neurological Surgeons 56 <sup>th</sup> annual meeting	Chicago, USA	2006 - oct
Society of British Neurological Surgeons European Society of Paediatric Neurosurgeons 7 <sup>th</sup> postgraduate course (part 1)	Preston, UK Siofok, Hungary	2006 - sept 2006 - may
Society of British Neurological Surgeons	London, UK	2006 – april
British Neurosurgical Research Group	Brighton, UK	2006 - feb
Congress of Neurological Surgeons 55 <sup>th</sup> annual meeting	Boston, USA	2005 - oct
European Society of Paediatric Neurosurgeons 6 <sup>th</sup> postgraduate course (part 4)	Wisla, Poland	2005 - may

The Chicago review course in Neurosurgery	Chicago,USA	2005 - jan
1 <sup>st</sup> International Levantine Forum (Advances in Neurological Surgery)	Bari, Italy	2004 - nov
The international e-health association 4 <sup>th</sup> annual conference	London, UK	2004 - sept
Intercranial and Spinal anatomy for Neurosurgeons Royal College of Surgeons of England	London,UK	2004 - july
German Rhoton Course 3D Neuroanatomy	Frankfurt, Germany	2004 - june
Society of British Neurological Surgeons Biannual Meeting	Oxford, UK	2004 - may
East Anglia Spinal Meeting	Ipswich, UK	2004 - april
Arab Health Congress 2003	Dubai, UAE	2003 - jan
Neonatal Advanced Life Support(NALS) Northern Neonatal Network, UK	Middlesborough,UK	2000 - feb
Paediatric Advanced Life Support (PALS) AAPS, British Resuscitation Council	UK	1999 - sept
Advanced Trauma and Life Support (ATLS) American College of Surgeons Committee on Trauma	Nottingham, UK	1998 - nov
Basic Surgical Skills (BSS) Royal College of Surgeons	Staffordshire, UK	1998 - oct
Advanced Life Support (ALS) British Resuscitation Council	Nottingham,UK	1997 - june

## **PRIZES AND AWARDS**

Harry Morton Research Scholarship <i>Royal College of Surgeons (Eng)</i>	2008
UK Midlands Vascular Surgery Conference <i>Registrar's 1st prize</i>	1998
Nottingham University exhibition award	1994
JT & J Taylor scholarship	1992
BOC Leaving exhibition award	1992
Cecil Shaw Chemistry prize	1992
Science student of the Year	1991
National Scholarship award	1990

## **VOLUNTARY WORK**

- 2008- I act as an advisor for Child Nurture and Relief (CHINAR) an independent, non-profit organization working for the psychosocial rehabilitation of orphaned and vulnerable children.
- 2007 I joined a team of doctors and allied healthcare professionals on a lecture tour in Romania aimed at educating healthcare personnel on hydrocephalus and spina bifida. The tour was organised by Children in Distress, a charity which runs orphanages across Eastern Europe.
- 2006 I ran the London triathlon to raised money for 'Get Kids Going', a charity that supports wheelchairs for children and young adults.

## **GENERAL INTERESTS**

- ∞ People and psychology
- ∞ Healthcare strategy
- ∞ Ethics
- ∞ Sports -fitness training (coach), swimming.
- ∞ Travelling