

**CURRICULUM VITAE
OREGON HEALTH & SCIENCE UNIVERSITY**

NAME **Stephen M. Langley**

DATE **6/12/2008**

PRESENT POSITION AND ADDRESS

Academic Rank: **Consultant Pediatric and Adult Cardiac Surgeon**

Department/Division: **Department of Cardiothoracic Surgery
Southampton University Hospitals NHS Trust**

Professional Address: **Tremona Road, Southampton, SO16 6YD, United Kingdom**

II. EDUCATION

Undergraduate and Graduate:

1984-1989
MBBS
The London Hospital Medical College
University of London, UK

August 1999
MD (higher research degree)
London University, UK

Postgraduate:

August 1, 1989 – January 31, 1990
House Surgeon to Mr. ADW Maclean, Mr. RJ Ham, Mr. W Grange
The Royal London Hospital

February 1, 1990 – July 31, 1990
House Physician to Professor RD Cohen, Professor G Jenkins,, Professor A Newland, Dr. B Colvin
The Royal London Hospital
London, UK

September 1, 1990 – January 31, 1991
Senior House Officer to Dr. D. Palmer
Mission Hospital , Banso Hospital
Kumbo, Cameroon

February 1, 1991 – July 3, 1991
Senior House Officer to to Dr. RA Sleet
Accident & Emergency, Southampton General Hospital
Southampton, England, UK

August 1, 1991 – January 31, 1992
Senior House Officer to Professor L Strunin, Dr. T Savage, Dr. A Marshall, Dr. P Yate
Anaesthesiology, The Royal London Hospital
London, England, UK

February 1, 1992 – August 9, 1992
Senior House Officer to Sir Terence English, Mr. J Wallwork, Mr. FC Wells, Mr. SR
Large
Cardiothoracic Surgery, Papworth Hospital
Cambridge, England, UK

September 1, 1992 – January 31, 1993
Demonstrator for Professor D Riches.
Anatomy Demonstrator, Queen Mary & Westfield College
London, England, UK

February 1, 1993 – July 31, 1993
Senior House Officer to Professor J Shearer and Mr S K Wood.
Professorial Orthopaedic Unit, Southampton General Hospital
Southampton, England, UK

August 1, 1993 – May 22, 1994
Senior House Officer to Mr. DC Rowe Jones and Mr JA Pain
General Surgery, Poole General Hospital
Poole, Dorset, England, UK

May 23, 1994 – August 31, 1994
Registrar to Mr. D C Rowe Jones
General Surgery, Poole General Hospital
Poole, Dorset, England, UK

October 1, 1994 – July 5, 1995
Senior SHO to Mr. JL Monro, Mr. RE Lea, Mr. RK Lamb, Mr. FD Weeden, Mr. SA
Livesey, Mr. VT Tsang
Cardiothoracic Surgery, Southampton General Hospital
Southampton, UK

May 8, 1995 - June 31, 1997
Registrar to Mr. JL Monro, Mr. RE Lea, Mr. RK Lamb, Mr. D F Weeden, Mr. S A
Livesey, Mr V T Tsang
Cardiothoracic Surgery, Southampton General Hospital
Southampton, UK

July 1, 1997 – June 31, 1998
Research Fellow to Dr. RM Ungerleider, Professor of Surgery and Chief of Pediatric
Pediatric Cardiac Surgery, Duke University Medical Center,
Raleigh-Durham, NC, USA

July 1, 1998 – June 18, 2000
Registrar to Mr. JL Monro, Mr. DF Weeden, Mr. SA Livesey, Mr. MP Haw, Mr. SK
Ohri, Mr. GM Tsang, Mr. CW Barlow
Cardiothoracic Surgery, Southampton General Hospital
Southampton, UK

June 19, 2000 – May 31, 2001

Peer-reviewed

Langley SM, Livesey SA, Tsang VT, Barron DJ, Lamb RK, Ross Sir JK, Monroe JL. Long Term Results of Valve Replacements Using Antibiotic Sterilised Homografts in the Aortic Position. *European Journal of Cardiothoracic Surgery* 1996;10(12):1097-1106.

Langley SM, Sheppard SV, Tsang VT, Monroe JL, Lamb RK. When is Extracorporeal Life Support Worthwhile Following Repair of Congenital Heart Disease in Children? *European Journal of Cardiothoracic Surgery* 1998;13(5):520-525.

Langley SM, Chai PJ, Miller SE, Mault JR, Jagers JJ, Tsui SS, Lodge AJ, Lefurgey A, Ungerleider RM. Hemodynamic, Metabolic and Electron Microscopic Evidence Supporting the Use of Intermittent Perfusion During Deep Hypothermic Circulatory Arrest. *Annals of Thoracic Surgery* 1999;68(1):4-13.

Langley SM, McGuirk SP, Chaudhry MA, Livesey SA, Ross JK, Monroe JL. Twenty Year Follow Up of Aortic Valve Replacement with Antibiotic Sterilised Homografts in Two Hundred Patients. *Seminars in Thoracic and Cardiovascular Surgery* 1999 Oct;11(4 Suppl 1):28-34.

Langley SM, Chai PJ, Jagers JJ, Ungerleider RM. Platelet-Activating Factor Receptor Antagonism Improves Cerebral Recovery After Circulatory Arrest. *Annals of Thoracic Surgery* 1999;68(5):1578-85.

Langley SM, Rooney SJ, Dalrymple-Hay MJR, Spencer JMF, Lewis ME, Pagano D, Asif M, Tsang VT, Lamb RK, Monroe JL, Livesey SA, Bonser RS. Replacement of the Proximal Aorta and Aortic Valve Using a Composite Bileaflet Prosthesis and Gelatin Impregnated Polyester Graft. *Journal of Thoracic and Cardiovascular Surgery* 1999;118(6):1014-1020.

Langley SM, Chai PJ, Jagers JJ, Ungerleider RM. The Free Radical Spin Trap α -Phenyl-*tert*-Butyl Nitron Attenuates the Cerebral Response to Deep Hypothermic Ischemia. *Journal of Thoracic and Cardiovascular Surgery* 2000;119(2):305-13.

Langley SM, Chai PJ, Jagers JJ, Ungerleider RM. Preoperative High Dose Methylprednisolone Attenuates the Cerebral Response to Deep Hypothermic Circulatory Arrest. *European Journal of Cardiothoracic Surgery* 2000;17(3):279-86.

Langley SM, Chai PJ, Tsui SS, Jagers JJ, Ungerleider RM. The Effects of a Leukocyte Depleting Filter on Cerebral Recovery and Renal Recovery after Deep Hypothermic Circulatory Arrest. *Journal of Thoracic and Cardiovascular Surgery* 2000;119(6):1262-1269.

Langley SM, Alexiou C, Stafford HM, Dalrymple-Hay MJR, Haw MP, Livesey SA, Monroe JL. Surgery for Aortic Valve Endocarditis: Determinants of Early and Late Outcome. *The Journal of Heart Valve Disease* 2000; 9(5):697-704

Langley SM, Alexiou C, Bailey DH, Weeden DF. The Influence of Blood Transfusion on Survival Following Oesophageal Resection for Carcinoma. *Annals of Thoracic Surgery* 2002

Jun;73(6):1704-9

Langley SM, Winlaw DS, Stumper O, Dhillon R, De Giovanni JV, Wright JG, Miller P, Sethia B, Barron DJ, Brawn WJ. Midterm Results After Restoration of the Morphologically Left Ventricle to the Systemic Circulation in Patients with Congenitally Corrected Transposition of the Great Arteries. *Journal of Thoracic and Cardiovascular Surgery* 2003 Jun;125(6):1229-41

Dalrymple-Hay MJR, **Langley SM**, Ramesh P, Pickering R, Tsang VT, Livesey SA, Lamb RK, Monro JL. Surgical Treatment of Acquired Ventricular Septal Defects in the Elderly. *European Journal of Cardiothoracic Surgery* 1997;12(2):298-303.

Dalrymple-Hay MJR, **Langley SM**, Sami SA, Haw MP, Allen SM, Livesey SA, Lamb RK, Monro JL. Should Coronary Artery Bypass Grafting be Performed at the Same Time as Repair of a Post-Infarct Ventricular Septal Defect? *European Journal of Cardiothoracic Surgery* 1998;13(3):286-292.

Dalrymple-Hay MJR, Bryant M, Jones RA, **Langley SM**, Livesey SA, Monro JL. Degenerative Mitral Regurgitation: When Should We Operate? *Annals of Thoracic Surgery* 1998;66(5):1579-1584.

Alexiou C, **Langley SM**, Monro JL. Surgery for Infective Valve Endocarditis in Children. *European Journal of Cardiothoracic Surgery* 1999;16(6):653-659.

Alexiou C, McDonald A, **Langley SM**, Dalrymple-Hay MJR, Haw MP, Monro JL. Aortic Valve Replacement in Children: Are Mechanical Valves a Good Option? *European Journal of Cardiothoracic Surgery* 2000;17(2):125-133.

Alexiou C, **Langley SM**, Stafford H, Lowes JA, Livesey SA, Monro JL. Surgery for Active Culture-Positive Endocarditis: Determinants of Early and Late Outcome *Annals of Thoracic Surgery* 2000;69(5):1448-54

Alexiou C, **Langley SM**, Stafford H, Haw MP, Livesey SA, Monro JL. Surgical Treatment of Infective Mitral Valve Endocarditis: Predictors of Early and Late Outcome *Journal of Heart Valve Disease* 2000;9(3):327-34

Alexiou C, **Langley SM**, Dalrymple-Hay MJ, Salmon AP, Keeton BR, Haw MP, Monro JL. Open Commissurotomy for Critical Isolated Aortic Stenosis in Neonates. *Annals of Thoracic Surgery* 2001; 71(2):489-93

Alexiou C, Chen Q, **Langley SM**, Salmon AP, Keeton BR, Haw MP, Monro JL. Is There Still a Place for Open Surgical Valvotomy in the Management of Aortic Stenosis in Children? The View From Southampton. *European Journal of Cardiothoracic Surgery* 2001;20(2):239-246

Alexiou C, **Langley SM**, Charlesworth P, Haw MP, Livesey SA, Monro JL. Aortic Root Replacement in Patient's with Marfan's Syndrome: The Southampton Experience. *Annals of Thoracic Surgery* 2001 Nov;72(5):1502-1508

McGuirk SP, Winlaw DS, **Langley SM**, Stumper OF, de Giovanni JV, Wright JG, Barron DJ, Brawn WJ. The impact of ventricular morphology on midterm outcome following completion total cavopulmonary connection. *Eur J Cardiothorac Surg*. 2003 Jul;24(1):37-46

Ooi A, Lavrsen M, Monro J, **Langley SM**. Successful emergency surgery on triple-vessel spontaneous coronary artery dissection. *Eur J Cardiothorac Surg*. 2004 Aug;26(2):447-9

Winlaw DS, McGuirk SP, Balmer C, **Langley SM**, Griselli M, Stumper O, De Giovanni JV, Wright JG, Thorne S, Barron DJ, Brawn WJ. Intention-to-treat analysis of pulmonary artery banding in conditions with a morphological right ventricle in the systemic circulation with a view to anatomic biventricular repair. *Circulation*. 2005 Feb 1;111(4):405-11

Ooi A, Iyengar S, **Langley SM**, Haw MP. Endovascular clamping of porcelain aorta in aortic valve surgery using Foley Catheter. *Heart Lung Circ*. 2006 Jun;15(3):194-6

Tolan M, Parry A, **Langley SM**, Quick C, Large SR. Ultrasound Evaluation of the Inferior Epigastric Artery. *Annals of Thoracic Surgery* 1995;59:1275-1276 (Letter).

Roxburgh J, Barron DJ, **Langley SM**, Tolan M et al. New Deal Not Satisfactory for Cardiothoracic Surgery. *British Medical Journal* 1995;311:953 (Letter).

Books

Editor – Frequently Asked Question (FAQ) section for Cardiac Surgery. Scheduled to print in 2008.

Editor – for book on Paediatric Cardiac Surgery. Planned to be printed in 2009.

Chapters

Talliation versus correction of congenital heart defects. *Key Topics in Cardiac Surgery*. Editors Sk Ohri, A. Tang, L. Stephenson. Taylor & Francis 2005

Total anomalous pulmonary venous connection. *Key Topics in Cardiac Surgery*. Editors Sk Ohri, A. Tang, L. Stephenson. Taylor & Francis 2005

Reviews

Langley SM, Pain JA. Surgery and Liver Dysfunction. Care of The Critically Ill May 1994;110(3):113-117.

Abstracts

Tolan MJ, **Langley SM**, Keeton BR, Salmon AP, Gnanapragasam JP, Tsang VT, Lamb RK, Monro JL. Surgery for Congenital Valvar Aortic Stenosis. Proceedings of the Second World Congress of Paediatric Cardiology & Cardiac Surgery. May 1997.

Other

Shearer JR, Scammell BE, **Langley SM**. Early Clinical Results of a Reversed Anatomy Total Shoulder Replacement. *Journal of Bone and Joint Surgery* 1994;76(B):145.

Orthopaedic Proceedings Supplement II and Supplement III.

Invited Lectures, Conference Presentations or Professorships:

International and National

The American Association for Thoracic Surgery
The Asian Society for Cardiovascular Surgery
The British Paediatric Cardiac Association
The Cardiac Surgical Research Club
The European Association for Cardiothoracic Surgery
The European Society of Thoracic Surgery
The European Congress of Extra Corporeal Life Support
The European Society for Cardiovascular Surgery
The International Cardiovascular Surgical Symposium
The International Symposium on Stentless Bioprostheses
The Mediterranean Association of Cardiology and Cardiac Surgery
The San Diego Cardiothoracic Surgery Symposium
The Society of Cardiothoracic Surgeons of Great Britain and Ireland
The Society of Thoracic Surgeons, USA
The Southern Thoracic Surgical Association, USA
The Western Thoracic Surgical Association, USA
The World Congress of the International Society of Cardio-Thoracic Surgeons
The World Symposium on Heart Valve Disease
The Young Cardiothoracic Surgeons Club

Honors and Awards for Education:

Arthur Burrows Prize in Clinical Dermatology The London Hospital Medical College	Dec 1986
3M Riker Student Elective Prize The London Hospital Medical College	Sept 1988
Dorset Surgeons Research Prize The Royal Bournemouth Hospital	Dec 1993
Duke University Surgical Research Prize (\$2000) Duke University Medical Center, Durham NC, USA	May 1998
Hawley Seiler Resident Award at the 45 th Annual Meeting of the Southern Thoracic Surgical Association, Orlando FL, USA	Nov 1998
Young Investigators Award of the 9 th Annual Meeting of British Paediatric Cardiac Association, Southampton.	Nov 1998

Sorin Prize at the 13th Annual Meeting of the Young Cardiothoracic Surgeons Club, Stratford upon Avon.	Nov 1998
David Cooper Prize for Paper of Best Scientific Content Soc. Cardiothoracic Surgeons of Great Britain and Ireland.	Mar 1999
Young Surgeons Congenital Heart Disease Award (\$10,000) European Association for Cardiothoracic Surgery	Sept 1999