



SCHOLARSHIP REPORT

This report should be completed by recipients of awards and scholarships from the Royal College of Physicians and Surgeons of Glasgow on completion of the activity for which they received their award or scholarship. Please complete all sections of the report form.

Please return your completed report via email to: **scholarships@rcpsg.ac.uk**

Or via mail to: **Scholarships Committee Administrator, Royal College of Physicians and Surgeons of Glasgow, 232-242 St Vincent Street, Glasgow G2 5RJ, UK**

Please use typeface when completing this form.

SECTION 1 PERSONAL AND AWARD DETAILS			
Title	Mr	PID	87309
Surname	Vesey	Forename(s)	Alex
Scholarship/award awarded	Travelling fellowship	Amount awarded	£2,000

SECTION 2 PROJECT/VISIT DETAILS	
Name/Title	Advanced Endovascular Aortic Repair
Location	Marie-Lannelongue Hospital, Paris, France.
Aims and objectives	<ol style="list-style-type: none"> 1. Gain experience of complex endovascular aortic repair from leaders in the field 2. Plan a year's fellowship in Marie-Lannelongue Hospital as the International aortic fellow (under Professor Stéphan Haulon's supervision) 3. Plan future research collaborations with Professor Haulon
Summary <i>Include methodology, results and conclusions if applicable</i>	<p>This Travelling Scholarship has helped fund two visits to Professor Haulon's Aortic Centre in Paris (in total: 2 weeks). Professor Haulon leads the vascular section of a hospital specialising in adult and paediatric thoracic, cardiac and vascular surgery. The centre has a global reputation. Marie-Lannelongue is where T4 lung cancer surgery was developed (in particular, the surgical approaches to Pancoast tumours described by Professor Philippe Darteville). The hospital has also developed a highly innovative autologous tracheal reconstruction technique and is one of the world's leading centres in pulmonary thromboendarterectomy and pulmonary artery angioplasty for pulmonary hypertension secondary to chronic venous thromboembolism. The Aortic Centre is a leading centre in complex endovascular reconstruction of the aorta with an estimated 250 cases of complex open and endovascular aortic repair performed per year.</p> <p>I undertook two visits to Marie-Lannelongue, each a week long. The first was in October 2017 and the second, June 2018. These visits took place after I had first met Professor Haulon at the Controversies and Updates in Vascular Surgery Meeting in Paris in February 2017.</p> <p>During my first visit, I was familiarised with the hospital and associated laboratories. I met the Director as well as other leading clinicians. I spent time participating in endovascular and open surgical procedures spanning the breadth of the pathologies treated in the hospital. Particular highlights included participating in: a fenestrated thoraco-abdominal repair of a chronic dissection in a young woman; a resection of a massive (football sized) intra-thoracic germ cell tumour; bilateral sequential lung</p>

	<p>transplantation; complex aortic multidisciplinary meetings. I also presented my research to the group. I helped some French surgical trainees develop a large animal model of thoracoabdominal aortic aneurysm in the dedicated-on site lab. I had several meetings with Professor Haulon who confirmed that the unit was keen to invite me to be an international fellow based in Marie-Lannelongue for a year.</p> <p>During my second visit, I participated in a week-long invitation-based masterclass in complex thoracoabdominal and aortic arch endovascular repair. I observed 8 live cases, participated in numerous panel discussions, lectures and hands-on workshops. These were led by Professor Haulon and other key leaders in the field. I also had several meetings with the local team to plan my fellowship and future research. A key highlight in this meeting was witnessing a complete endovascular aortic arch reconstruction for a complex dissection.</p> <p>I made many new friends from vascular units across the world and greatly expanded my network.</p>
<p>Learning outcomes <i>Detail here how the aims and objectives were met</i></p>	<ol style="list-style-type: none"> 1. I massively increased my experience of complex endovascular aortic repair 2. I received confirmation that subject to final funding arrangements, I would be going to Paris as an aortic fellow in 2019 3. In a series of meetings with Professor Haulon, several of his colleagues (in radiology & cardiology) and subsequent meetings in Scotland with my local collaborators, I confirmed that there was a significant appetite for future international collaborations based on non-invasive imaging of aortic and mesenteric pathology. I am in the process of writing grants to fund these.
<p>Evaluation <i>How has this scholarship/award impacted on your clinical/NHS practice or equivalent?</i></p>	<p>The RCPSG Travelling Scholarship has impacted on my practice in several ways:</p> <ol style="list-style-type: none"> 1. I am now almost certain to go on a yearlong fellowship to Marie-Lannelongue to learn how to perform minimally invasive endovascular aortic arch and complex thoracoabdominal aortic repair. These techniques are not available in Scotland at the moment – my ambition is to establish these techniques in this country. 2. Many of the skills and techniques I witnessed during my visits, in open and endovascular surgery, I have already implemented in my day to day work doing open and endovascular aortic and peripheral arterial surgery. Important examples include radiation dose minimisation in EVAR, the use of fusion imaging in EVAR/BEVAR/TEVAR/FEVAR, novel therapeutic embolization techniques, the use of a new generation of stent grafts as well as many others. 3. I am in the process of leading an infrastructure project in NHS Lanarkshire – we are installing two hybrid theatres in University Hospital Hairmyres in order to permit more complex aortic endovascular repair. I have now benefitted from Professor Haulon’s experience in developing and installing these systems and am bringing his experience to bear on this important local project.

SECTION 3 | IMAGES

If available, please provide some images to support your report – These are attached electronically.



SECTION 4 | EXPENDITURE

Breakdown of expenditures	Flights (two return flights to Paris) = £640
<i>Please demonstrate how the scholarship/award funding was used to support your project/visit</i>	Accommodation (two weeks in Paris) = £980
	Sustenance: £285
	Local transport (airport to Hospital): £55

SECTION 5 | PUBLICATION

Scholarship/award reports may be published in College News. Please tick here if you agree to your report being published.	<input checked="" type="checkbox"/> I give permission for my report to be published in College News
	<i>If your report is selected for publishing, the editor of College News will be in touch to discuss this with you.</i>

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