



RCSI

ROYAL COLLEGE OF SURGEONS IN IRELAND

COLÁISTE RÍOGA NA MÁINLEÁ IN ÉIRINN

Ethicon Grant/Fellowship Report Form

Grant Holder Name	Seamus Mark McHugh
Brief biography, including qualification and year of graduation (no more than 100 words)	I obtained an honours medical degree from UCD in 2005. I began surgical training in 2007, completing a post graduate research doctorate in RCSI in 2011 and higher surgical training in 2016 in the field of general & vascular surgery.
Title of Project/Fellowship	Clinical fellowship in Vascular & Endovascular Surgery
Year of Award: Commencement Date: Conclusion Date:	2015 1 st July 2015 30 th June 2016

Summary (no more than 250 words)

I commenced my fellowship in Sunnybrook Health Sciences Centre in July 2015. Sunnybrook is Canada's largest single site hospital, and its busiest trauma centre. During my time here I gained invaluable exposure to various vascular trauma scenarios and their management both open and endovascular.

From Sunnybrook I then rotated to St. Michaels Hospital, another busy trauma centre in downtown Toronto. Not only had I continued exposure to vascular trauma, but also had opportunity to experience complex vascular access procedures. This included both insertion and removal of HERO grafts for dialysis-requiring patients with central venous stenosis.

Finally I moved to University Health Network, Toronto General Hospital. The focus in this centre was on complex aneurysm repair. Working closely with cardiac surgery, we performed multiple thoracoabdominal aneurysm repairs. There was particular focus on the endovascular approach where appropriate, with placement of multiple fenestrated and branched aortic stent grafts during my time there. Toronto General Hospital also has a close working relationship with Mount Sinai Hospital which is a leading surgical oncology centre. As such we were involved in multiple vascular reconstructive cases following oncological resection of major vessels encased in tumour.

Overall I found my time in Toronto to be well spent, allowing me exposure to a high volume of complex cases in a shorter time period than one might expect if not working in a major metropolitan centre.

Grant Report (in the region of but no more than 500 words)

Objectives of Project/Fellowship:

Improve skills of common endovascular and open vascular surgeries through working in a high volume centre

Gain exposure and training in the management of complex aortic aneurysmal disease

Improve techniques of managing vascular trauma

Participate in and develop my medical education teaching skills

Become involved in clinical based research in one of North Americas largest vascular centres

Did you achieve these objectives?

Yes

In your opinion, what is the value of your award to:

(a) Yourself

I believe that my time in Toronto has furthered my surgical training, allowing me to be more confident in my ability to deal with complex vascular cases, especially in the fields of vascular trauma and complex aortic aneurysm repair as they might arise during my consultant practice in Ireland.

(b) The institution in which you worked

Throughout my time in Canada I acted as an ambassador of the surgical training system in Ireland. This included demonstrating the high levels of dedication and patient care expected of Irish surgical trainees. I also had opportunity to share with consultant trainers any differences in vascular surgery practice which arose in Ireland as compared with Toronto.

(c) In the future for Irish patients

This award facilitates the travelling of surgical trainees to world leading centres, and the knowledge gleaned there by Irish surgeons will prove invaluable in the continued provision of world class patient care in Ireland.