



# RCSI

ROYAL COLLEGE OF SURGEONS IN IRELAND

COLÁISTE RÍOGA NA MÁINLEÁ IN ÉIRINN

## Ethicon Grant/Fellowship Report Form

<b>Grant Holder Name</b>	Fiachra Rowan
<b>Brief biography, including qualification and year of graduation (no more than 100 words)</b>	MB BCh BAO, RCSI 2004; MRCS 2007; MD, UCD 2010; FRCS (Orth) 2015; CCST July 2016.
<b>Title of Project/Fellowship</b>	Adult Reconstruction and Joint Replacement Service, Hospital for Special Surgery, New York, USA.
<b>Year of Award:</b> <b>Commencement Date:</b> <b>Conclusion Date:</b>	2016 1 <sup>st</sup> August 2016 31 <sup>st</sup> July 2017

### Summary (no more than 250 words)

My year at HSS was a great experience in surgical excellence, academic development and health system cultural exchange. I was awarded an ACGME accredited fellowship in adult reconstruction at interview in April 2015. My year started in August 2016. Loosely, the week was four days in the operating room and one day for clinic or research. Operating started at 8am and my logbook has over 600 cases with approximately 150 revision procedures. Almost every morning, after rounds, we participated in a mixture of didactic and interactive teaching for an hour at 7am. One of the highlights of the job is the cadaveric bioskills lab where twice monthly, fresh frozen specimens were available for anatomy, exposure techniques and device implantation sessions. HSS is renowned for its heritage and the surgeons that work there. Dr. Chitranjan Ranawat is a leader in joint replacement surgery and I was lucky to scrub with him for his last joint replacement case in November. He continued to give my co-fellows and I weekly tutorials on basic science, clinical skills and evidence based practice. Other sessions included radiographic tutorials, journal club, service grand rounds, hospital grand rounds and biomechanics research meetings. The day would end when the cases were done. This time varied from 5pm to 12am! I rotated through eight services during the year. The surgeons were varied in philosophies and practice. Some were more traditional than others and some were heavy users of technology. All demanded surgical excellence in the OR. The exposure to technology was broad. HSS surgeons are frequently device designers and as such, companies would conduct limited releases of new products. This wide exposure to robotics and navigation has helped me appraise any products coming to market. The academic aspect of the fellowship is exemplified by the financial support given to attend both the AAOS and winter CCJR meetings. I brought the family to both events and added on a week-long trip up the Californian coast to the AAOS in San Diego. I will miss HSS but I am looking forward to bringing home the skills I have acquired here.

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

Objectives of Project/Fellowship:

To complement my higher surgical training with a complete lower limb arthroplasty experience that improved my technical skill, broadened my anatomical knowledge and widened my academic base.

Did you achieve these objectives?

Yes!

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

(a) Yourself

It has given me confidence to manage all degrees of primary or acquired lower limb joint degeneration with judicious use of modern surgical techniques and devices. This confidence extends to peri-prosthetic trauma and complex revision surgery of the hip and knee.

(b) The institution in which you worked

I brought a European perspective to any didactic or interactive teaching session.

I am confident that I highlighted the drive and surgical ability of Irish trainees and represented my program well. I was awarded the Joint Replacement Service Award for Clinical Excellence by a Clinical Fellow.

(c) In the future for Irish patients

The fellowship has not only given me a broad surgical skillset but also an experience at working in one of the premier orthopaedic hospitals in the world. The excellence demanded in training, surgical performance and clinical outcome at HSS is an example that can be fostered and replicated in the Irish healthcare within the confines of a public health service.