



Royal College
of Surgeons

ADVANCING SURGICAL CARE

Surgical Research: How the College can help you.

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Starting out in Surgery
Cardiff
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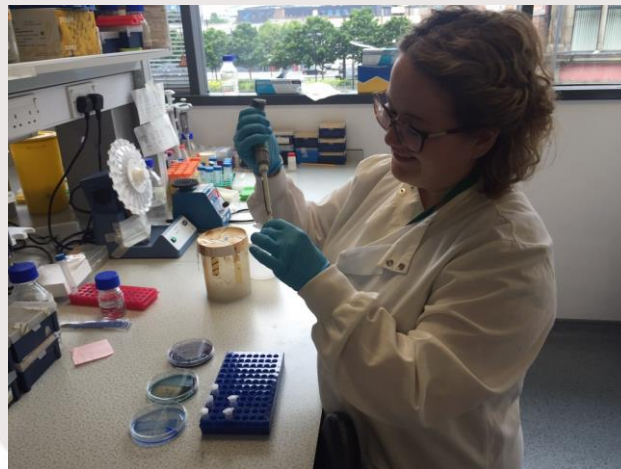
RCS has had a strong association with surgical research.

- i) Award Research Fellowships and other grants
- ii) Oversee Clinical Effectiveness Unit (CEU)
 - measuring surgical outcomes
- iii) Surgical Trials Initiative
 - StarSurg, Welsh Barbers, GlobalSurg



What we offer

- Research Fellowships – Trainee surgeons
30-40 x £60k plus
- Pump Priming Grants – Newly appointed consultants and post-doc trainees 6-8 x £10,000 each
- Intercalated BSc grants – Medical Students
10 x £5000 each
- Preiskel Prize – Electives for Medical Students
6 x £500 each



Other awards



- 2 Cutlers Prizes – innovation and travel
- Ronald Raven Barbers award – travel
- Hunterian Lectureships
- Stefan & Anna Galeski Travel Fellowships
- Rex & Jean Lawrie Travel Fellowships
- Rosetrees Essay prize
- Ethicon Foundation award – travel
- Lister Medal & Oration
- Sir Arthur Sims Travel Fellowship
- McKinsey Fellowship in Clinical Leadership
- Research Fellowships overseas e.g Seattle, Canada, Sweden – *Keep an eye on our website for updates*

What is a Research Fellowship?

- Comprising of full salary costs (whatever scale inc pension contributions)
- Consumables grant - £3k
- Travel expenses to scientific meetings
- 700 awarded since 1993
- Currently award between 30-40 per year at approx £60K each
- Must be a Member of RCS Eng

How to find a suitable project?

- Decide what specialty/sub-specialty
- Lab based, health services research, education
- Talk to senior trainees and consultants and scientists
- Acquire copies of scientific programmes and appropriate
- Specialist Association – see who is leading in the field
- Approach them
- Be prepared to relocate
- Ensure Programme Director/Post-Grad Dean approval
- Plan ahead!!

Selection process for Research Fellowships

- Autumn advertise widely throughout the UK
- Closing date: end of February
- Received 78 applications from our Members in 2018
- Assign 4 external Assessors (Surgeons and Scientists) to mark each application
- Shortlisted 40 in early July for 20 fellowships (Feedback to those unsuccessful)



Assessment Criteria

What criteria do the Assessors use to score research fellowship applications?

- Importance of the Research question to surgery
- Originality
- Study Design
- Track record of supervisor
- Infrastructure of host institution
- Application overall
- Applicants career to date



- Established 1998 as an academic collaboration with the London School of Hygiene and Tropical Medicine (LSHTM).
- Largely self-funded by external project grants
- Purpose is to conduct national clinical audits
- Staff of 18 – academics and clinicians including 5 trainees surgeons

Current projects include:

- National Oesophago – Gastric Cancer Audit (since 2007)
- CRANE Database (since 2005).
- Several projects on-going in
 - Prostate,
 - Breast,
 - Vascular etc.often in conjunction with Specialist Associations.

Surgical Trials Initiative



Led by Professor Dion Morton

- Established in 2012 – 7 Surgical Trials Units in the UK
- 14 Surgical Specialty Leads with Specialist Associations
- Chairs to be established
- Overseen by CRISC (Clinical Research Initiative Steering Committee)
- NCT's - £28m 2016/2017
- 'Surgery' received nearly £30m from NIHR since 2014
- Global Surgery

Thank You and Good Luck



Kat Gash



Zita Jessop

The Research Department

<https://www.rcseng.ac.uk/standards-and-research/research>