

Clinical Surgery NEWS

Anya Adair is a Consultant Transplant & Hepatobiliary Surgeon at Edinburgh Royal Infirmary and an Honorary Clinical Senior Lecturer at Edinburgh University

After graduating from University College London Medical School Anya completed her basic surgical training in London and her higher surgical training in the South East Scotland region.



Consultant Surgeon Anya Adair

Working in the lab of Prof Lorna Marson and Prof Jeremy Hughes, Anya undertook a dedicated period of research and completed a PhD examining the role of inflammation in kidney transplant rejection.

Since 2015 Anya has been involved in the International Hepatopancreaticobiliary association (IHPBA) outreach programme, visiting Sri Lanka twice in 2015 & 2017, and this year leading an international team of HPB surgeons and gastroenterologists on an outreach visit to Nepal. Activities involved educational meetings for trainees and consultants, facilitation of talks to develop local guidelines for the management of HPB diseases, and discussions around

training in HPB surgery. The outreach team also contributed to the development of National guidelines for the management of hepatocellular carcinoma (HCC) and colorectal cancer liver metastases for the Sri Lankan population. Further collaborations with both countries are planned.

Last year Anya joined the IHPBA Development Committee as European lead for the outreach subcommittee. This committee aims to coordinate IHPBA outreach projects around the world, ensuring that they are standardized and sustainable, with reports provided and funds accounted for. You can watch Anya discussing the work of the Committee in the E-AHPBA interview of the month here.



Anya Adair pictured with members of the IHPBA Outreach programme

Recently, Anya has been appointed Clinical Lead for the Scottish Hepatopancreaticobiliary Network. The

Highlighted Publications

Adair A, Oniscu G. **Arterial inflow techniques.** *Springer Atlas of Transplantation.*

Bellini MI, Adair A, Fotopoulou C, Graham Y, Hutson A, McNally S, Mohan H, Vig S, Parks R, Papalois V. **Changing the norm towards gender equity in surgery: the women in surgery working group of the Association of Surgeons of Great Britain and Ireland's perspective.** *J R Soc Med.* 2019 Aug;112(8):325-329.

Stutchfield BM, Bodingbauer MW, Adair A, Wakelin S, Schindl M, Forbes SJ, Wigmore SJ. **Quantifying changes in innate immune function following liver transplantation for chronic liver disease.** *HPB (Oxford).* 2019 Mar 5. pii: S1365-182X(19)30079-6

McLean KA, Drake TM, Sgrò A, Camilleri-Brennan J, Knight SR, Ots R, Adair A, Wigmore SJ, Harrison EM. **The effect of liver transplantation on patient-centred outcomes: a propensity-score matched analysis.** *Transpl Int.* 2019 Aug;32(8):808-819

Adair A. **Bariatric surgery for obese patients undergoing liver transplantation.** *HPB (Oxford).* 2018 Jan;20(1):1-2.

O'Neill S, Napetti S, Cornateanu S, Sutherland AI, Wigmore S, Oniscu GC, Adair A. **Impact of body mass index in liver transplantation for nonalcoholic fatty liver disease and alcoholic liver disease.** *HPB (Oxford).* 2017 Dec;19(12):1074-1081

Contd. over

Welcome to the Autumn 2019 Edition of the Department of Clinical Surgery Newsletter

In This Issue:

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SHPBN is currently trying to address the issues of variation in practice and limited resources in the management of primary HPB cancers and colorectal liver metastases for the Scottish population.

HCC mortality rates have risen faster than any other cancer in Scotland yet the provisions for this group of patients are limited. One area the network is addressing is the lack of clinical nurse specialists (CNS), having secured 5 months funding the development of an HCC CNS network across Scotland.

In 2018 Anya was a member of the British Transplant Society/ NHS Blood Transfusion Service (NHSBT) national liver working group to establish recommendations across the UK for consent in liver transplantation. More recently she joined the core working group of the NHSBT Liver Advisory Group

In addition to her clinical responsibilities, Anya also has an interest in online distance learning. From 2016-18 she was the scientific organizer for the European Society of Transplantation (ESOT) and co-organizer for the liver transplant section of this platform in 2016. Anya is currently the HPB module lead for the Edinburgh Surgery online MSc and ChM degree programmes



Professor Ewen Harrison

Professor Ewen Harrison has been appointed Director of the Centre for Medical Informatics in the Usher Institute.



Professor Lorna Marson

Professor Lorna Marson has been elected as Chair of the Scottish Medical Schools Admissions Group. As Chair, Lorna will also be a member of the Board for Academic Medicine.

Recent appointments



Professor Stephen Wigmore

Professor Stephen Wigmore has been appointed Regius Professor of Surgery



Professor James Garden

Professor James Garden has been appointed Chairman of Edinburgh World Heritage Trust.

News Round-Up

Professor John Forsythe's Retirement

After a number of years in the Department of Surgery, Professor John Forsythe has retired from clinical work. His retirement was celebrated by friends and colleagues from Edinburgh, the UK and Europe at a wonderful party at the Playfair College on 4 October.



Professor Forsythe's achievement and tremendous contribution to the development of transplantation in Edinburgh and in UK have been recounted by Professor Wigmore and Dr Liam Plant with panache and style. It was a very emotional event for Professor Forsythe who acknowledged that he will miss the camaraderie and friendship of his colleagues but he will not miss the on-call!

Although Professor Forsythe has retired from clinical work he will continue in his role as Medical Director of NHSBT where he is looking forward to the challenges of implementing the changes in organ donation legislation and helping set the strategy for the next 10 years for UK transplantation.



Gabriel Oniscu.

European Society of Coloproctology

There was a strong presence of Colorectal Team at the recent European Society of Coloproctology (ESCP) Annual Meeting in Vienna at the end of September.

Mr Mark Potter, consultant surgeon, is a member of ESCP Education Committee and was a chair for 2 educational sessions; 'How to get surgical information in 2020', and the 'Trainee Round Table' session.

Mr Alistair Geraghty, (current registrar at WGH) has established a Skills Club and together with Mr Potter set up a 'Training Village' at the meeting. The Training Villages offers trainees the opportunity drop in to try a laparoscopic simulator during the meeting.



Miss Yasuko Maeda who is member of ESCP Guideline Committee was a chair person of the session, 'How to develop guidelines', and gave a talk on 'Guideline development: overview' within the same session. She was also a speaker at the 'Best Publications of the Year' session. In addition, there were 12 posters presented at the meeting involving members of the colorectal team, 8 of which were original projects from Edinburgh.

Edinburgh Surgery Online Commonwealth Scholars Retreat

Earlier in October, members of the Edinburgh Surgery Online team travelled to Lake Victoria in Malawi for a scholars retreat. Students supported by Commonwealth



Scholarships and those funded by Johnson & Johnson as part of our partnership in Malawi were invited to attend a 3 day leadership and research skills retreat. This initial pilot proved extremely successful and will be repeated annually for commonwealth scholars.

Strategy 2030

University Principal and Vice-Chancellor, Professor Peter Mathieson, has recently launched the strategic plan for the University over the next decade. Professor Mathieson states, *'Our vision to deliver excellence in 2030 is rooted in our values, with a focus on four key areas: people, research, teaching and learning, and social and civic responsibility.'*

Full details of Strategy 2030 can be found on the [Governance and Strategic Planning website](#).

Staffing News

In November 2019 Dr Paula Smith, Senior Lecturer and Academic e-Facilitator for the MSc in Surgical Sciences, and Mrs Kaisey Murphy, Programme Co-Ordinator for Edinburgh Surgery Online programmes will move to pastures new.

Thank you to Paula and Kaisey for all their hard work at Edinburgh Surgery Online and we wish them all the best for the future.

Dr Lisa Norman

Lisa Norman has recently joined the Surgical Informatics group as a Research Assistant. With an interdisciplinary research background in musical acoustics and organology, her route into the field of data science has been rather circuitous. Lisa has previously worked in the Edinburgh Transplant Centre, managing the transplant data and reporting, but has been drawn back into research and is currently helping to support the work of the NIHR Global Health Research Unit on Global Surgery.



Recent Grants

Mr Mark Potter

Anastomotic Tissue Oxygenation Monitoring in Clinical Practice (ATOMIC)
Wellcome Trust-University of Edinburgh Strategic Funding Award
£67,317
2019

James O'Kelly

Single cell definition of the mechanistic role of kynurenine monooxygenase at the innate immune interface in acute pancreatitis (supervised by Professor Damian Mole, Dr Prakash Ramachandran & Dr Chengcan Yao)
GutsUK Amelie Waring Fellowship of the Pancreatic Society
£179,423.00
7/08/2019-06/08/2022

Recent Publications

NIHR Global Health Research Unit on Global Surgery. **Quality and outcomes in global cancer surgery: protocol for a multicentre, international, prospective cohort study (GlobalSurg 3).** *BMJ Open.* 2019 May 24;9(5):e026646

Bellini MI, Adair A, Fotopoulou C, Graham Y, Hutson A, McNally S, Mohan H, Vig S, Parks R, Papalois V. **Changing the norm towards gender equity in surgery: the women in surgery working group of the Association of Surgeons of Great Britain and Ireland's perspective.** *J R Soc Med.* 2019 Aug;112(8):325-329

Søreide K, Healey AJ, Mole DJ, Parks RW. **Pre-, peri- and post-operative factors for the development of pancreatic fistula after pancreatic surgery.** *HPB (Oxford).* 2019 Jul 27. pii: S1365-182X(19)30591-X.

Lee MJ, Sayers AE, Drake TM, Singh P, Bradburn M, Wilson TR, Murugananthan A, Walsh CJ, Fearnhead NS; NASBO Steering Group and NASBO Collaborators. **Malnutrition, nutritional interventions and clinical outcomes of patients with acute small bowel obstruction: results from a national, multicentre, prospective audit.** *BMJ Open.* 2019 Jul 27;9(7):e029235.

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McLean KA, Mountain KE, Shaw CA, Drake TM, Ots R, Knight SR, Fairfield CJ, Sgrò A, Skipworth RJE, Wigmore SJ, Potter MA, Harrison EM. **Can a smartphone-delivered tool facilitate the assessment of surgical site infection and result in earlier treatment? Tracking wound infection with smartphone technology (TWIST): protocol for a randomised controlled trial in emergency surgery patients.** *BMJ Open.* 2019 Oct 3;9(10):e029620

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O'Neill S, Falconer S, Sutherland AI, Phelan PJ. **Acute renal transplant dysfunction in a living donor kidney transplant recipient.** *Am J Transplant.* 2019 Sep;19(9):2655-2657

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Connor KL, Denby L. **MicroRNAs as non-invasive biomarkers of renal disease.** *Nephrol Dial Transplant.* 2019. Epub ahead of print.

Changes to PURE Publication Deposits In Clinical Surgery

From November 2019 PURE arrangements in Clinical Surgery are changing.

Susan Keggie and Murray Brittan will now be handling publication deposits in PURE.

As soon as you receive notification of a manuscript being accepted for publication, please forward the acceptance email together with the finally accepted author version to our new PURE email address

Pure.clin surg@ed.ac.uk

All manuscripts must be deposited in PURE within **3 months of acceptance.**

Any publications not deposited in PURE within 3 months of acceptance will not be eligible for the Ref 2021.

A full set of FAQs on PURE can be found in the July 2019 edition of this newsletter which can be accessed [here](#).

Funding Information

For those seeking research funding opportunities, the University Research Support Office has a wealth of resources available, including details of UK, European and international funders, as well as engagement with industry.

<https://www.ed.ac.uk/research-support-office/funders-and-funding>

All members of the University also have access to the **Research Professional** platform which details funding opportunities across multiple disciplines.

You will require your EASE log in to access the platform. Once you have set up your account, you will be able to set up notifications and alerts based on your area of research interest and a tailored calendar detailing deadlines for specific calls.

<https://www.researchprofessional.com/0/rr/home>

Research Professional runs live training sessions on the second Tuesday of every month, 10 - 11am. These sessions, joined from your computer, demonstrate how to locate funding opportunities to match your interests and describe how to set up the email alerts to keep you informed of new developments.

Open calls from the MRC can be viewed ordered by closing date via this link: <https://mrc.ukri.org/funding/browse/>

Notable upcoming deadlines include:

MRC, Clinician Scientist Fellowships
Opens again 04/11/19 - 09/01/2020

Academy of Medical Sciences: Professorship Scheme
Flexible support for biomedical and healthcare researchers, who have moved to the UK, in their first full professorship. Budget: £500,000. Deadline: 5 December 2019

Cancer Research UK: Experimental Medicine Award
Funding for highly ambitious translational research conducted in association with a clinical trial or well-designed clinical study. Budget: £5M. Deadlines: outline 19 March 2020; full 11 June 2020.

Cancer Research UK: Science Committee Programme Awards

Programme Awards provide long-term support for broad, multidisciplinary research where the aim is to answer questions spanning basic and translational research. Budget: £2.5M. Deadlines: outline 20 February 2020; full 4 June 2020.

Chief Scientist Office: Joint NES/CSO Postdoctoral Clinical Lectureships

Funding for 50% protected research time for medical doctors with a research degree who are in specialty registrar training. Deadline: 31 January 2020.

MRC: UK Nutrition Research Partnership (UK NRP) - Nutrition Hot Topics Workshops

In partnership with BBSRC and NIHR, support for workshops which address important, urgent multidisciplinary challenges in nutrition research. Budget: £10,000. Deadline: 6 November 2019.

NIHR: Research and Innovation for Global Health Transformation (RIGHT) - Call 3

Support for equitable partnerships between researchers in LMICs and the UK to generate knowledge and evidence on interventions to improve outcomes for people affected by multimorbidities. Budget: £5M. Deadlines: outline 29 November 2019; full 15 January 2020.

Clinical Trials Update

Currently Recruiting

The **HOT-2** Trial

HOT-2 is a blinded randomized controlled investigation into the efficacy of heme arginate in improving primary graft function in deceased donor kidney transplantation. Professor Lorna Marson is the Chief Investigator and Edinburgh will be the lead centre for this multicentre trial

It is anticipated that Edinburgh will open as the first trial site and begin recruitment late in 2018.

For more information about HOT-2 please contact

Chief Investigator, **Professor Lorna Marson**.

The **OPTIMISE II** Trial

A large-scale, pragmatic, international, multi-centre study aiming to recruit >2500 patients globally, and seeking to provide definitive evidence on the value of a cardiac-output guided fluid and inotrope protocol in preventing infectious complications for patients >65 years of age.

This NIHR Portfolio study is sponsored by Queen

Mary University of London, and the local PI is Dr Mort Kelleher (Consultant Anaesthetist). We are particularly targeting patients undergoing Whipple's procedure and gastrectomy at RIE, although patients undergoing other procedures involving the luminal GI tract may also be eligible.

For more information, please contact Dr Kelleher (mortimer.kelleher@nhslothian.scot.nhs.uk) or Rachael Campbell, Perioperative Research coordinator (rachael.campbell@nhslothian).

The **ROMIO** Trial

A multicentre randomised controlled trial comparing minimally invasive versus open esophagectomy for esophageal cancer.

This trial is being run by the University of Bristol. NHS Lothian is open as a trial site and recruitment has begun.

For more information please contact **Mr Peter Lamb** or **Mr Richard Skipworth**

OCCAMS—Oesophageal Cancer Clinical and Molecular Stratification.

A Multicentre Study to Determine Predictive and Prognostic Biomarkers and Therapeutic Targets for Oesophageal and Junctional Adenocarcinoma including Whole Genome Sequencing

This study, part of the International Cancer Genome Consortium (ICGC2), has been refunded by CRUK for 5 years and recruitment is ongoing

For more information please contact **Mr Rob O'Neil** or **Mr Richard Skipworth**

The **NeoAegis** Trial

A phase III, open-labelled RCT comparing the MAGIC neoadjuvant/adjuvant chemotherapy regimen with the CROSS neoadjuvant chemoradiation protocol in patients with cT2-3 N0-3 M0 adenocarcinoma of the oesophagus or junction. The primary objective is to evaluate 1, 2 and 3-year survival.

This trial is currently recruiting. For more information contact **Mr Richard Skipworth**.

TWIST—Tracking Wound Infection with Smart Phone Technology

A randomised controlled trial to investigate if a smartphone tool can shorten time to diagnosis of surgical site infections.

All patients (>16) undergoing abdominal surgery who own a smartphone are eligible to enter the study. Visually impaired patients are excluded.

Patients will be randomised to receive either standard post-operative care or standard post-operative care plus use of the smartphone tool.

Those in the smartphone group will receive a series of questions via text message and have the facility to upload a photograph of their surgical wound.

Primary outcome measure is time to diagnosis of an SSI and secondary outcome measures will consider use of A&E and GP services

RIE and WGH sites are both recruiting patients to this study.

For more information please contact Principle Investigator, **Mr Ewen Harrison**

The PATHOS Trial

The PATHOS trial is investigating less intensive treatment after surgery for oropharyngeal cancer. Patients whose oropharynx cancers are positive for Human Papilloma Virus (HPV) are offered transoral surgery with adjuvant therapy based on pathological analysis of the primary and neck disease. The head and neck team are opening this CRUK funded study which is lead from Liverpool and open to NHS Lothian patients from October 2019.

For more details please contact Mr Ian Nixon.

SR1171 - Circulating Tumour DNA in head and neck cancer.

This study is analysing Human Papilloma Virus (HPV) DNA in patients with head and neck cancer as a marker of disease. Samples are analysed before and after therapy and for the first year of follow up. The study is being run in conjunction with Professor Tim Aitman from the Institute of Genetics & Molecular

Medicine. To date 55 patient have been recruited

For more details please contact Mr Ian Nixon.

Future Events



*****Now SOLD OUT*****

HealthyR Quick Start (January 8-10th 2020) is now sold out. To be added to the waiting list and receive notifications of future course dates, please email Senior Data Manager, Dr Riinu Ots (r.ots@ed.ac.uk) www.healthyr.surgicalinformatics.org

**Edinburgh School of Surgery Day 2019
Friday November 22nd**

Save the date for the 2019 School of Surgery day. Further details including the full programme and how to submit abstracts will be available shortly.

Academic Medals

The Chiene Medal for Basic Science research, *The Ian B Macleod Medal* for Clinical Research, and ***The Professor Kenneth Fearon Memorial Medal*** will all be awarded at this year's School of Surgery day.

The Edinburgh Trainees' Award

As well as the academic medals awarded at the School of Surgery day, the **Best Surgical Trainer**

medal will also be awarded.

Trainees from each General Surgical rota in SE Scotland will nominate a Consultant who has demonstrated an outstanding commitment to surgical training over the last 12 months.

The rotas nominating candidates will be HPB/ Transplant, UGI, Vascular, Colorectal, Breast, NHS Fife and NHS Borders. The trainee body will decide the overall winner by consensus vote at our monthly teaching day and the nominees invited to SOS day, where the winner will be announced. The RCSEd Faculty of Surgical Trainers has agreed to endorse the prize.

Christmas Party



This years Department of Surgery Christmas party will be Friday 20th December, The Apex Hotel, Waterloo Place.

Tickets on sale from Susan Keggie (s.keggie@ed.ac.uk; ex 23614) or Murray Britton (murray.britton@ed.ac.uk; ex23616) in Rm F3307, ward 106)

Places are limited so book your ticket soon to avoid disappointment!

Items of News to Share?

If you have any items of news you would like to feature in this newsletter or events you'd like to promote please contact the Clinical Surgery Research Manager, **Dr Katie Shaw** (catherine.shaw@ed.ac.uk). The next edition will be published at the end of the year.

Future Conference Submission **Deadlines**

Conference	Date	Location	Abstract Submission & Registration
American College of Surgeons Clinical Congress https://www.facs.org/education/clincon/future-clinical-congresses	4-8th Oct 2020	Chicago, USA	Save the Date
British Hernia Society http://www.britishherniasociety.org	Late 2020	TBC	
Society on Sarcopenia, Cachexia & wasting disorders http://society-scwd.org	7th - 9th Dec 2019	Maastricht, Netherlands	Abstract submission closed; registration open
Society of Academic and Research Surgery (SARS) http://surgicalresearch.org.uk	19th - 20th Mar 2020	Dublin, Ireland	2nd Dec 2019
14th Annual Academic Surgical Conference https://academicsurgicalcongress.org	4th - 6th Feb 2020	Orlando, Florida	Abstract submission closed; registration opening soon
ALPS HBP meeting http://www.alpspbmeeting.org	5th -9th Feb 2020	Madonna Di Campiglio, Italy	Abstract submission closed; registration open
Americas Hepato-Pancreato-Biliary-Association (AHPBA) https://www.ahpba.org/	5th-8th March 2020	Miami beach, Florida, USA	Abstract submission closed; registration open
British Transplant Society (BTS) https://bts.org.uk	4th -6th March 2020	Belfast, UK	Abstract deadline Monday November 25 @ 09:00 GMT
American Surgical Association (ASA) http://meeting.americansurgical.org	16 - 18th April 2020	Washington DC, USA	Abstract deadline Monday November 25th, 2019 @ 11:59 pm ET
Royal Australasian College of Surgeons Annual Scientific Congress https://asc.surgeons.org	11th-15th May 2020	Melbourne, Australia	January 26th 2020
Association of Surgeons of Great Britain and Ireland (ASGBI) http://www.asgbi.org.uk	10th- 12th June 2020	Glasgow, UK	December 2nd 2019
International Association of Medical Science Educators http://www.iamse.org/	28th Feb 2020	Kuala Lumpur, Malaysia	Abstract submission closed, registration now open
European Surgical Association (ESA) https://www.europeansurgicalassociation.org	21st - 23rd May 2020	Cologne, Germany	Friday 15th Nov 2019
Behune Round Table https://bethuneroundtable.com	28th - 31st May 2020	Winnipeg, Canada	Save the Date
Association for Medical Education (AMEE) https://amee.org/conferences/amee-2018	4th-9th September 2020	Glasgow, UK	6th February 2020
Great Britain and Ireland Hepato Pancreato Biliary Association (IHPBA) http://www.gbihpba.org.uk/conferences/	10th January 2020	London, UK	Save the Date
Association of Upper GI Surgeons of Great Britain & Ireland (AUGIS) http://www.augis.org	14th-16th October 2020	Belfast, UK	Save the Date