

Please help us to keep the R+D Bulletin topical and useful by sending us your news, events, publications and comments – the Bulletin is compiled by Communications Officer [Claire Mooney](#), who can be contacted on 0161 206 5110.

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Salford R+D oversees research and development on behalf of [Salford Royal NHS Foundation Trust](#).



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## News

### David Rog joins Clinical Research lead team

Consultant Neurologist Dr David Rog has been appointed as Salford Royal's Senior Clinical Research Lead. He will work alongside Principal Clinical Research Lead Professor Phil Kalra and fellow Senior Clinical Research Lead Professor Andrew King. They will each have responsibility for key areas of R+D and play an essential role in shaping and delivering our research strategy.

Dr Rog chairs the Clinical Research Steering Group at Salford Royal and is the Neurological Disorders lead for the NIHR Clinical Research Network Greater Manchester. He is Principal Investigator on several multinational clinical trials into multiple sclerosis.

### Join us for International Clinical Research Day

This Friday (19 May) sees us celebrate International Clinical Trials Day, which commemorates the day in 1747 that Scottish surgeon James Lind started his famous trial on scurvy.

Many studies have shown the benefits of getting active and research staff at Salford Royal will be sharing some of their latest work on exercise during this day. Hope Kidney Patients Association will be bringing along some static exercise bikes and there will also be a chance to try out some shoulder exercises with a Wii video game console. There will be information about research into exercise too – including the PEDAL trial into cycling while on dialysis, the Breathing Better programme for people with COPD and CAN-Move for people who have had cancer treatment.

And if you need a little pick-me-up after testing your fitness, then try your hand at the chocolate trial, a tasty way to find out more about how clinical trials are conducted.

Laboratory staff will also be on hand to demonstrate some of their work and you will be able to see some of the gadgets being tested in the NHS with the aim of improving patient care and treatment.

The events are taking place in Salford Royal's Hope and Ladywell Buildings between 10am and 2pm. They are all aimed at showing how research improves patient care and explaining how you can get involved.

### Vicky is Research Star of the Month

April's Research Star of the Month award goes to Research Nurse Vicky Thomas. Vicky has made a big impact on recruitment to urology studies since joining the Core research team – including six participants to the MASTER trial comparing two treatments for incontinence after prostate surgery and 11 to the TISU study looking at two interventions for urinary stones. Her hard work led to Salford Royal being chosen as site of the month in January for one trial. She has also been singled out by her clinical colleagues and students, who have commented on her enthusiasm, determination and dedication.

The Research Star awards recognise the way many of our staff go the extra mile to make a significant contribution to research and patient care within research. A small committee assesses nominations each

month.

We welcome nominations from all staff and about all staff – this award is not limited to any particular staff group and is about contribution, not job title! Please send your nomination(s) each month to both Senior Clinical Research Nurse Manager [Vikki O'Loughlin](#) and Engagement in Research Manager [Jess Zadik](#) with the name of the person or team and a short paragraph explaining why their work has made a significant contribution and should be recognised.

Nominations will close on the last day of each month with the winner chosen the first week of the next month. Decisions will be made by a team of research staff which will include, where possible, the previous month's winner.

### Stroke research in Nature Communications

Having a stroke impairs immune cells as well as damaging the brain, research has found. The findings help explain why patients have a greater risk of catching life-threatening infections, such as pneumonia, after having a stroke.

The research is published in the journal Nature Communications and was funded by the Biotechnology and Biological Sciences Research Council and the Medical Research Council. The study was led by Dr Barry McColl and Dr Laura McCulloch from The Roslin Institute at the University of Edinburgh, in collaboration with Professor Craig Smith on behalf of the stroke research group at Salford Royal and The University of Manchester.

The research has been covered on several medical news websites including [Medical Xpress](#) and [Health Medicine Network](#) and you can see more [here](#).

### Double success for surgeon

Congratulations to Salford Royal Surgeon Lyndsay Pearce on being awarded both the Royal College of Surgeons of England Lady Estelle Wolfson Emerging Leaders Fellowship and the Young Coloproctologist of the Year Award 2017.

The year-long Fellowship programme encourages women to apply for senior and leadership roles within the Royal College of Surgeons of England by providing opportunities to be involved in its activities alongside information and support.

The Young Coloproctologist of the Year title is awarded by the Association of Coloproctology of Great Britain and Ireland. It is aimed at exceptional young coloproctologists who have been outstanding throughout their training and have shown excellence in the areas of research and academia, leadership or education and training. She will receive her certificate at the ACPGBI annual congress in July.

Lyndsay is an ST8 General Surgeon and is heavily involved with trainee surgical research in the North West region. She chairs the PPAC2 trial (Packing of Perianal Abscess Cavities) steering committee and is actively involved in many nationwide studies that are on the North West Surgical Trials Centre (NWSTC) portfolio, as well as clinical audits. She's also a member of the NWSTC Executive Committee with a focus on driving trainee surgical research within the region.

### Falls rise as cause of trauma

The first national report on major injury in older people has been released by the Trauma Audit and Research Network (TARN), hosted by The University of Manchester and based at Salford Royal. It shows that falls from a standing height are now the most common cause of major trauma.

The report looks at the trend in age of major trauma patients over the last 10 years and considers in detail 8,176 patients aged 60 and over in England and Wales with Injury Severity Score greater than 15 who were admitted during 2014. It reveals that the typical severely injured patient isn't the traditional young male injured in a road traffic incident, but now older and injured as a result of falling, with a lower male predominance.

The report shows that the older injured patient may be at a disadvantage in terms of receiving optimal care. Older people with major injury are less likely than younger adults to be taken directly to a major trauma centre for specialist treatment, due to the challenges of reliably identifying major injury in older people at the scene.

It gained lots of media coverage, including in the [Daily Mail](#), Yorkshire Post and [Medical Xpress](#).

As well as monitoring the standards of care across trauma receiving hospitals, TARN has started to collect Patient Reported Outcomes (PROMs) across Major Trauma Centres in England.

The full report on Major Trauma in Older People is available [here](#).

### Adventures in stroke research

Hear about Professor Pippa Tyrrell's 'Adventures in stroke research' when she gives the next R+D Professorial Lecture on 28 June, 5-6.30pm.

Professor Tyrrell was the first specialist stroke physician to be appointed in Manchester in 1995. This lecture will be an opportunity to hear about how her work as Honorary Stroke Consultant at Salford Royal and Professor of Stroke Medicine at The University of Manchester has helped to improve treatment and care for stroke patients, and inspired the next generation of stroke specialists through her teaching and mentoring.

It takes place in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal and is free and open to all. [Register here](#).

### Can you help find solutions to these clinical needs?

MIMIT (Manchester: Improving Medicine with Innovation and Technology) initiates and supports collaboration between clinicians, academics, researchers and industry to drive innovation that answers unmet healthcare need.

Its next forum is on 27 June (noon-1.45pm) at Manchester Metropolitan University Business School when it will be seeking ideas for:

- Safer and more accurate ways to locate the trachea (windpipe) when inserting tracheostomy tubes
- Helping people with a tracheostomy in place to speak
- Circadian rhythm device to warm osteoarthritis joints and aid healing

For more information contact [Alison Littlewood](#), MIMIT Head of Operations and register [here](#).

### Share your pride in your work

These are some of the awards currently open for nominations that could recognise your and your colleagues' achievements:

- [Nursing Times Awards](#) (deadline 6 June)
- [Max Perutz Science Writing Award for PhD students](#) (deadline 4 July)
- [HSJ Awards](#) (deadline 18 July)



## Engagement

### Help shape MAHSC's public engagement strategy

MAHSC is holding a meeting to start shaping a strategy to better align and integrate current and future patient and public activities across Greater Manchester. It will be led by Professor Simon Ray, MAHSC Director of Patient and Public Involvement and Engagement (PPI/E) and Clinical Lead for the Cardiovascular Domain

The meeting is open to those in MAHSC, and non-MAHSC organisations, who have an interest or professional involvement in PPI/E. This may include clinical academics and researchers who need to integrate PPI/E into their studies, NHS research and clinical staff members and patients and public advocacy organisations.

The day will focus on themes which are a priority for Greater Manchester, such as the use of patient data in research. It's on 3 July, 9am-4pm at Chancellors Hotel, Manchester. [Register here](#).

### Making a drama out of involvement

The NIHR Clinical Research Network has organised a screening of a hard-hitting and moving film 'People are messy'. This educational film engages its audiences in an informed debate around patient and public involvement in health research.

This is an opportunity to see a highly rated film about how patients and the public can make our health research better and have an opportunity to contribute to a debate on the subject. After the film there will be a pop up village with information stands on various initiatives, charities and organisations involved in research in Greater Manchester, including Salford Royal's Citizen Scientist initiative and Research for the Future.

The free event, which includes lunch, runs from 10.30am-2pm on 14 June at the Nowgen Centre, Manchester. [Register here.](#)



## Funding

### NIHR opportunities

Deadlines coming up for National Institute for Health Research funding include:

- Health Technology Assessment programme – including interventions to treat [visuoperceptual disorders following stroke](#), microbiological sampling and treatment for infection complicating [diabetic foot ulceration](#) and surveillance of [arteriovenous fistulae in haemodialysis](#) – 1 June
- Efficacy and Mechanism Evaluation programme – including interventions to slow the progression of [chronic kidney disease](#) and outline applications for research into [chronic obstructive pulmonary disease](#) – 4 July

The full list of NIHR funding opportunities is available [here](#).

### MAHSC review for RfPB applications

The National Institute for Health Research (NIHR) [Research for Patient Benefit programme](#) invites applications for research proposals related to the day-to-day practice of health service staff, concerned with having an impact on the health or well-being of patients and users of the NHS.

MAHSC will be reviewing applications for the 19 July deadline to enhance the competitiveness of applications from its members. All paperwork, including a completed draft grant application form, should be submitted electronically to [Louise Berry](#) no later than 14 June, with anonymised feedback sent to the PI no later than 5 July.



## Training

### Salford to host British Society for Rheumatology course

Salford Royal will host a one-day nailfold capillaroscopy course on behalf of the British Society for Rheumatology on 5 June. Professor Ariane Herrick and Dr Graham Dinsdale are the convenors for the study day which will increase awareness among rheumatologists and other musculoskeletal practitioners of recent advances in capillaroscopy. The course includes a live demonstration with patients by Professor Herrick and Tonia Moore. It is suitable for rheumatologists, rheumatology trainees, allied health professionals and GPs with a special interest. [More details and registration here.](#)

### Evidence Informed Implementation workshop

This one-day interactive workshop on 20 July is organised by NIHR CLAHRC Greater Manchester and will help you to design, deliver and evaluate implementation projects, specifically focusing on evidence based frameworks and methods for effective implementation.

It will focus on defining implementation and implementation research, theoretical frameworks for implementation, planning implementation, engaging and influencing stakeholders and evaluation. It is free to attend for staff in partner organisations such as Salford Royal. The course takes place at Old Trafford Football Ground and you can register [here](#).

### The Nottingham Systematic Review course

This course, organised by the Cochrane Schizophrenia Group, will appeal to all those interested in completing a Cochrane-style review. Experienced tutors and facilitators will lead participants through search strategies, extracting data, managing the results of systematic searches, understanding the syntheses of the data, applying the methods and conducting reviews independently.

This course qualifies for 24 Royal College of Physicians CPD Points. Although it is run by Cochrane Schizophrenia Group, the same methodology is used by systematic reviewers in all fields of research.

The course runs from 20-23 June and costs £800, which covers all learning materials, refreshments and lunch every day, plus a farewell evening meal. For general inquiries and bookings email [Jackie Patrick](mailto:Jackie.Patrick@cochrane.org) or call 0115 823 1287 or visit the [website](#). For course content inquiries email [Jun Xia](mailto:Jun.Xia@cochrane.org).



## Events

[Health, Wellbeing and Society Research at the University of Salford](#). This free event is part of the celebrations to mark the University's 50<sup>th</sup> year. It will include tours of its facilities, demonstrations of research and a chance to discuss current research. Speakers include Michael Lisanti on treating cancer like an infectious disease, Geoff Hide on toxoplasma and Tony Long on improving outcomes for children and young people through research. It's on 31 May, 1-6pm at the Allerton Building.

[Manxkit? Health and Social Care Devolution in Manchester](#). This discussion event will focus on improving cardiovascular care in the context of Manchester's health and social care devolution. Speakers include Michael Deegan of Central Manchester University Hospitals NHS Foundation Trust, Huon Gray, National Clinical Director for Heart Disease for NHS England and Ruth Boaden, Director of NIHR CLAHRC. It's on 5 June, 1.45-3.15pm at Manchester Central Conference Centre.

[Enhancing education and training in trauma care](#). The next event from Greater Manchester Centre for Acute Tissue Injury and Trauma Care (GM-aCAT) will focus on training, with presenters including Jill Windle, Lecturer Practitioner in Emergency Nursing, Paul Wallman, Consultant Emergency Physician, and Martin Smith Medical Director of GM Major Trauma Network. It's on 14 June, 5.30-8pm at Nowgen Centre, Manchester.

[Advanced Radiotherapy Summer School](#). This event will be an opportunity to discover and discuss recent advances in radiotherapy, including proton beam therapy, SABR/SRS and adaptive radiotherapy. It runs from 10-13 July at The Christie School of Oncology.

[Let's Talk Research](#). The annual NHS R+D North West conference has 'building community' as its theme for 2017. Confirmed speakers include Professor Alison Chambers, Pro-Vice-Chancellor, Faculty of Health, Psychology and Social Care at Manchester Metropolitan University and Professor Jennie Popay, Director of Engagement for NIHR CLAHRC NW Coast. It's on 14 September at the Royal Northern College of Music, Manchester.



## Staff Updates

### Vacancies

- [Senior Clinical Fellow](#) – Trauma and Orthopaedics (closing date 24 May).
- [Senior Clinical Fellow](#) – Urology (closing date 26 May).

Please visit the [NHS Jobs](#) website for all internal or external vacancies.

### Congratulations and thanks

- Thank you to Debz Parry, Barnes Clinical Research Facility Healthcare Assistant, for her simple, cheap but effective idea to help with managing the blinding in a new study. It requires patients to be injected in the abdomen by unblinded nurses without the patients being able to see the injection. Her suggestion, which has been accepted by the pharmaceutical company involved, is to put a sheet over the curtain rail in the room and move the bed down so the sheet stops the patient seeing the syringe but the nurse can observe the patient.
- Thank you to Professor Bill Ollier for donating his butterfly palm as a raffle prize when he cleared his office at Summerfield House and to everyone who bought tickets. The raffle raised £50 for Parkinson's UK and the palm is now adorning the Research Governance Team's office, thanks to winner Angelique May.

- Congratulations to surgeons Dr Mattias Soop and Professor Gordon Carlson, who have contributed a chapter on intestinal failure to the second edition of [Coloproctology](#), the latest in Springer's European Manual of Medicine series.



## Publications

### Journals, articles, newsletters and blogs

- The latest update from Greater Manchester Academic Health Science Network is [here](#).
- Carl Gwinnutt: [Should we intubate patients during cardiopulmonary resuscitation?](#) (BMJ).
- Lorraine King, Natalie Sowter, Caroline Malone: [Preliminary results of a telephone triage system for a clinical neuropsychology service for traumatic brain injury patients](#) (The Neuropsychologist).
- David Rutkowski, Mark Farrar, Joanne Osmani, Ann Webb, Lesley Rhodes: [A qualitative study of the knowledge, behaviour and attitudes of patients with skin cancer regarding sunlight exposure and vitamin D](#) (Photodermatology, Photoimmunology and Photomedicine).
- Zarif Jabbar-Lopez, Zenas Yiu, Victoria Ward, Lesley Exton, Firouz Mohd Mustapa, Eleanor Samarasekera, David Burden, Ruth Murphy, Caroline Owen, Richard Parslew, Vanessa Venning, Richard Warren, Catherine Smith: [Qualitative evaluation of biologic therapy options for psoriasis: A systematic review and network meta-analysis](#) (Journal of Investigative Dermatology).
- Ricardo Taipa, Paulo Brochado, Andrew Robinson, Ines Reis, Patricio Costa, David Mann, Manuel Melo Pires, Nuno Sousa: [Patterns of microglial cell activation in Alzheimer disease and frontotemporal lobar degeneration](#) (Neurodegenerative Diseases).
- Ffion Davies, Fiona Lecky, Ross Fisher, Marisol Fragoso-liguez, Tim Coats: [Major trauma from suspected child abuse: A profile of the patient pathway](#) (Emergency Medicine Journal).
- Stuart Wright, Debbie Gibson, Martin Eden, Simon Lal, Chris Todd, Andy Ness, Sorrel Burden: [What are colorectal cancer survivors' preferences for dietary advice? A best-worst discrete choice experiment](#) (Journal of Cancer Survivorship).
- Mueez Waqar, Robert McCreary, Tara Kearney, Konstantina Karabatsou, Kanna Gnanalingham: [Sphenoid sinus mucosal thickening in the acute phase of pituitary apoplexy](#) (Pituitary).
- David Cote, Naci Balak, Jannick Brennum, Daniel Holsgrove, Neil Kitchen, Herbert Kolenda, Wouter Moojen, Karl Schaller, Pierre Robe, Tiit Mathiesen, Marika Broekman: [Ethical difficulties in the innovative surgical treatment of patients with recurrent glioblastoma multiforme](#) (Journal of Neurosurgery).
- Liam Barrett, Dan Horner: [A glass half full? Thrombolysis for the treatment of submassive pulmonary embolism](#) (Emergency Medicine Journal).
- Dennis Lui, James McDonald, Andrew de Beaux, Bruce Tulloh, Richard Brady: [Contemporary engagement with social media amongst hernia surgery specialists](#) (Hernia).
- Malik Khan, Owen Addison, Alison James, Christian Hendriksz, Maisoon Al-Jawad: [Synchrotron X-ray diffraction to understand crystallographic texture of enamel affected by Hunter syndrome](#) (Archives of Oral Biology).
- Yvonne Davidson, Louis Flood, Andrew Robinson, Yoshishiro Nihei, Kohji Moris, Sara Rollinson, Anna Richardson, Bridget Benson, Matthew Jones, Julie Snowden, Stuart Pickering-Brown, Christian Haass, Tammarn Lashley, David Mann: [Heterogeneous ribonuclear protein A3 \(hnRNP A3\) is present in dipeptide repeat protein containing inclusions in Frontotemporal Lobar Degeneration and Motor Neurone disease associated with expansions in C9orf72 gene](#) (Acta Neuropathologica Communications).
- Tom Jones, Dan Horner: [Striking the right balance: Anti-coagulation and isolated distal deep vein thrombosis](#) (Emergency Medicine Journal).
- Loris Pironi, Denise Konrad, Chrisoffer Brandt, Jon Shaffer, Simon Lal, et al (The Home Artificial Nutrition and Chronic Intestinal Failure Special Interest Group of ESPEN, the European Society for Clinical Nutrition and Metabolism): [Clinical classification of adult patients with chronic intestinal failure due to benign disease: An international multicentre cross-sectional survey](#) (Clinical Nutrition).
- Stephen Richardson, Francesca Ludwinski, Kanna Gnanalingham, Ross Atkinson, Anthony Freemont, Judith Hoyland: [Notochordal and nucleus pulposus marker expression is maintained by sub-](#)

[populations of adult human nucleus pulposus cells through aging and degeneration](#) (Scientific Reports).

- Ayesha Noorani, Jan Bornschein, Andy Lynch, Stephen Hayes, Yeng Ang, Michael Scott, Suzy Lishman, et al: [A comparative analysis of whole genome sequencing of oesophageal adenocarcinoma pre and post chemotherapy](#) (Genome Research).
- Isabel Lavers: [Exploring skin anatomy, function and site-specific treatment options](#) (Journal of Aesthetic Nursing).
- Joel Handley, Rhys Thomas, Pat McKenna, Thomas Hughes: [On the road again: Assessing driving ability in patients with neurological conditions](#) (Practical Neurology).
- Andrew Blauvelt, Marjolein de Bruin-Weller, Melinda Goodherham, Jennifer Cather, Christopher Griffiths, Brad Shumel, et al: [Long-term management of moderate-to-severe atopic dermatitis with dupilumab and concomitant topical corticosteroids \(LIBERTY AD CHRONOS\): A one-year, randomised, double-blinded, placebo-controlled, phase 3 trial](#) (Lancet).
- Arunabha Ghosh, Helene Schlecht, Lesley Heptinstall, John Bassett, Eleanor Cartwright, Sanjeev Bhaskar, Jill Urquhart, Alexander Broomfield, Andrew Morris, Elisabeth Jameson, Bernd Schwahn, John Walter, Sofia Douzgou, Helen Murphy, Chris Hendriksz, Reena Sharma, Gisela Wilcox, Simon Ramsden, Simon Jones, Siddharth Banka, et al: [Diagnosing childhood-onset inborn errors of metabolism by next-generation sequencing](#) (Archives of Disease in Childhood).
- Ans van der Ploeg, Michelle Kruijshaar, Antonio Toscano, Pascal Laforet, Corrado Angelini, Robin Lachmann, Ignacio Pascual Pascual, Mark Roberts, Benedikt Schoser, et al: [European consensus for starting and stopping enzyme replacement therapy in adult patients with Pompe disease: A 10-year experience](#) (European Journal of Neurology).
- Nasimah Maricar, Matthew Parkes, Michael Callaghan, Charles Hutchinson, Andrew Gait, Richard Hodgson, David Felson, Terence O'Neill: [Structural predictors of response to intra-articular steroid injection in symptomatic knee osteoarthritis](#) (Arthritis Research and Therapy).
- Jill Stocks, Evangelos Kontopantelis, Roger Webb, Anthony Avery, Alistair Burns, Darren Ashcroft: [Antipsychotic prescribing to patients diagnosed with dementia without a diagnosis of psychosis in the context of national guidance and drug safety warnings: Longitudinal study in UK general practice](#) (Drug Safety).
- Susan Stocks, Rahul Alam, Paul Bowie, Stephen Campbell, Carl de Wet, Aneez Esmail, Sudeh Cheraghi-Sohi: [Never events in UK general practice: A survey of the views of general practitioners on their frequency and acceptability as a safety improvement approach](#) (Journal of Patient Safety).
- Matthew Carr, Darren Ashcroft, Evangelos Kontopantelis, David While, Yvonne Awenat, Jayne Cooper, Carolyn Chew-Graham, Nav Kapur, Roger Webb: [Premature death among primary care patients with a history of self-harm](#) (Annals of Family Medicine).
- Nicholas Collier, Nicole Chaing, Ian Coulson: [Generalized progressive dyschromic guttate rash](#) (Journal of the American Academy of Dermatology).
- Naomi Fulop, Angus Ramsay, Cecilia Vindrola-Padros, Michael Aitchison, Ruth Boaden, Veronica Brinton, Satish Maddineni, Catherine Perry, David Shackley, Jonathan Vickers, Stephen Morris, et al: [Reorganising specialist cancer surgery for the twenty-first century: a mixed methods evaluation \(RESPECT-21\)](#) (Implementation Science).
- Graham Dinsdale, Tonia Moore, Neil O'Leary, Michael Berks, Christopher Roberts, Joanne Manning, John Allen, Marina Anderson, Christopher Taylor, Andrea Murray, Ariane Herrick, et al: [Quantitative outcome measures for systemic sclerosis-related microangiopathy – reliability of image acquisition in nailfold capillaroscopy](#) (Microvascular Research).
- Elaine Lee, James Dyer, Kieran O'Flynn, Timothy Terry, Richard Robinson: [A five-year review of operative experience and indicative numbers in urological training in the UK and Ireland](#) (Journal of Clinical Urology).
- Richard Body, Charles Boachie, Alex McConnachie, Simon Carley, Patricia Van Den Berg, Fiona Lecky: [Feasibility of the Manchester Acute Coronary Syndromes \(MACS\) decision rule to safely reduce unnecessary hospital admissions: A pilot randomised controlled trial](#) (Emergency Medicine Journal).

Journal articles are available through the [Library Service](#), details and links to e-journals are available through the [online library catalogue](#).

### How to submit articles

R+D Bulletin is published on the third Wednesday of each month. Please submit articles to [claire.mooney@manchester.ac.uk](mailto:claire.mooney@manchester.ac.uk) by close of play on the preceding Monday.

An archive of previous editions is available online at [www.salfordresearch.org.uk](http://www.salfordresearch.org.uk).