

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 8161 or 0161 206 5110.

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Salford R+D is an integrated service overseeing research and development on behalf of [Salford Royal NHS Foundation Trust](#) and [NHS Salford Clinical Commissioning Group](#).



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News

Fab five for CRN Awards

Well done to Salford R+D's five finalists in the Greater Manchester Clinical Research Awards 2015.

The awards are now into their third year and provide an opportunity to recognise the skill and hard work that goes into research in the region. The shortlisted people and teams will be invited to the awards ceremony in Manchester on 4 November. They are:

- Research impact: Salford Citizen Scientist Project
- Research impact: Help BEAT Diabetes
- Outstanding contribution: Kate Clayton, Senior Emergency Medicine Research Nurse
- Clinical studies/research practitioner of the year: Sarah Rushton, Neurology Research Assistant
- Research nurse of the year: Anne Keen, Barnes Clinical Research Facility Team Manager

Best of luck to all those chosen for the final – you can see the full shortlist on the [NIHR Clinical Research Network Greater Manchester website](#).

Research on the rise

Greater Manchester's NHS Trusts are helping to spearhead a rise in clinical research, highlighted by new figures in a league table published by the NIHR Clinical Research Network this week.

It shows the number of Portfolio studies undertaken by each NHS Trust from April 2014 to March 2015, and the number of patients who volunteered to take part in clinical research. Almost half of the NHS Trusts across the country increased the number of clinical research studies undertaken last year, contributing to the drive for better treatments for all NHS patients.

Salford Royal increased its number of studies* from 158 in 2013-14 to 165 in 2014-15, with 5,021 patients taking part.

The clinical research league table is available [here](#).

*Data are from the NIHR Clinical Research Network Portfolio, a national database of studies supported by the NIHR Clinical Research Network. Only studies that meet specific eligibility criteria set by the Department of Health are included in the Portfolio. These are high quality studies that have been awarded funds as a result of open national competition, for research that is of clear value to the NHS and which takes account of Department of Health and NHS priorities. Other 'non portfolio' research also takes place in the NHS, with Salford Royal having more than 500 active research studies each year.

The challenge of dementia – lecture

Dementia is the most significant health and social care challenge of the 21st century. The costs to society and individuals are high both in economic and personal terms.

Professor Alistair Burns, the National Clinical Director for Dementia in England, Professor in Old Age

Psychiatry at The University of Manchester and Honorary Consultant Old Age Psychiatrist in the Manchester Mental Health and Social Care Trust, will give Salford R+D's winter 2015 professorial lecture on 16 December. He has been working with Salford R+D to provide a focal point for dementia research in the city, helping to make the best of the research that is already taking place and to make the most of any opportunities that occur.

He will look at how we can translate current awareness of dementia into action which improves the quality of life for people with dementia and their carers.

His lecture will also cover risk reduction, timely diagnosis, post-diagnostic support for people with dementia, their families and carers, dementia friendly communities and high quality end of life care.

The lecture takes place from noon-1.30pm on 16 December in Humphrey Booth Lecture Theatre, Mayo Building, Salford Royal. Click [here](#) to register.

- Professor Nigel Hooper will be talking about 'Dementia in a dish: Using stem cells to tackle Alzheimer's disease' as part of Salford Royal's Neurology Academic Meeting Programme on Friday 23 October, 3pm. Other staff who are interested in dementia and neurology research are welcome to attend his presentation, which takes place in Humphrey Booth Lecture Theatre. Prof Hooper is Director of Dementia Research for The University of Manchester and Chair in Cell Biology at the university's Institute of Brain, Behaviour and Mental health.

Research Master Classes for Principal Investigators

The first of a three-part programme of master classes for Principal Investigators will begin on the afternoon of Friday 4 December. This programme has been developed in response to discussions and identified needs with our researchers. The overall programme is intended for Principal Investigators with differing levels of experience, or for those who wish to develop into this role.

Places for the sessions are limited and will be allocated on a first come, first served basis.

The first session will focus on research design and funding:

- Developing your research idea
- Study design
- Engagement
- Feasibility
- Costing
- Securing funding

The second session will be on the afternoon of Friday 12 February and will focus on study set up and delivery. The third session, on the afternoon of Friday 29 April, will look at research management.

For inquiries or to book a place, please contact [Natalie Garratt](#).

Mum's remedies: Where's the evidence?

Lemons, liquorice and Southend mud all came highly recommended as R+D's Engagement team took a fun approach to their stall at Salford Royal's Open Day.

Under the heading 'Ole Ma Mooney's Medicine Cabinet' the team asked visitors for their family remedies for common ailments and were inundated with a wide range of weird and wonderful suggestions. The serious point behind the stall was to encourage people to consider if there was any evidence for the remedies – the stall also had a number of examples of research into some of them, mainly debunking the myths.

The Citizen Scientist and Help BEAT Diabetes teams also had stalls at Open Day, spreading the message about the value of research and encouraging visitors to sign up as research participants.

New Chief Operating Officer for MAHSC

[Manchester Academic Health Science Centre](#) (MAHSC) has appointed Joanne Clague as its new Chief Operating Officer.

She joins MAHSC from the Health and Life Sciences Faculty of The University of Liverpool, where she has built her reputation as a dynamic leader in the academic and healthcare sector.

MAHSC is a partnership between The University of Manchester and six NHS organisations - including Salford Royal and NHS Salford Clinical Commissioning Group. Its key objective is to harness new discoveries and innovations in medical research and facilitate their implementation into patient care to improve health outcomes for the local population.

Ian Greer, Director of MAHSC, welcomed Joanne to her new role: “Her recruitment comes at an exciting time for MAHSC, as we look to strategically align our ambitious programmes of work to harness the new potential brought about by Devo Manc and therefore further improve health outcomes across Greater Manchester.”

Joanne said: “By continuing to develop even stronger relationships, we can work together to fuel achievement of the MAHSC vision; to be a leading global centre for the delivery of innovative applied health research and education into healthcare.”

Help improve research into patient safety in primary care

The latest edition of the Greater Manchester Primary Care Patient Safety Translational Research Centre (PSTRC) newsletter is [now available online](#). It features some key updates from their world-leading research along with information on current opportunities for you to get involved, including an innovative piece of interactive theatre.

The Greater Manchester PSTRC is a unique research partnership between The University of Manchester and Salford Royal focusing on improving patient safety in primary care settings such as GP surgeries and pharmacies. Make sure you don't miss out on their free quarterly newsletter by signing up to become a [Friend of the Centre](#).

Improvement Science for Academics (IS4Ac) Workshop 2

Earlier this month the IS4Ac teams came together for their second workshop to learn more about Improvement Science and report on the progress of their projects. This workshop continued building on Deming's system of profound knowledge with an emphasis on measurement and charting, with teams learning how to choose and create statistical process control charts. The faculty included Prof Mohammed A Mohammed from Bradford University, who taught sessions on understanding variation, and Prof Graham Martin from Leicester, who spoke about using qualitative data in quality improvement. For more information about the programme contact [Zoe Ashton](#).



Governance

HRA Approval update

The next phase of Health Research Authority (HRA) Approval is planned to go live on 30 November. This will mean that any new applications for the following types of study will go through the new process:

- Cohort 1: Staff only studies (not requiring NHS REC)
- Cohort 2: Studies only involving primary care sites in England
- Cohort 3: All studies except clinical trials, educational projects and single-site projects where the site is also the sponsor

HRA Approval aims to simplify the set-up of studies for researchers, and there are a number of key points to remember:

- You must make your application through IRAS, and there is a single application for studies going through HRA Approval. Completing the project filter will ensure that the correct forms are generated in the system.
- Receiving HRA Approval is not confirmation that you can start your research at a site – the sponsor and site must jointly agree that they can start, and this will be confirmed in writing. This ensures that all the resources necessary are in place.
- Make sure that you tell R+D as early as possible about your projects, and send us all the documentation – we don't have any other way of knowing about your project.

Information relating to the roll-out is being updated regularly, but researchers should check the [HRA website](#) before making an application. Please direct any questions regarding HRA Approval at Salford to

[Natalie Garratt](#).

There is a Hot Topics session on Friday 23 October, noon-1pm, Seminar Room 2, Mayo Building, Salford Royal, where you can find out more.



Engagement

Manchester Science Festival

[Manchester Science Festival](#) returns for the ninth year from 22 October to 1 November. It brings together a blend of art, make-it workshops, performances and big experiences for all ages across Greater Manchester. Some of the best scientists from Manchester and beyond will be discussing their work, the UK's most cutting-edge research and what the future might hold.

The festival has around 150 events, including sessions around stroke, cancer research, allergies, motor neurone disease and Alzheimer's disease – as well as family fun, films, comedy and music.

Also as part of the festival, the [Greater Manchester Primary Care Patient Safety Translational Research Centre](#) (PSTRC) has commissioned local theatre company Strawberry Blonde Curls to produce an interactive piece of theatre exploring patient safety issues around sharing of health data and patient records. The performance of 'The Nest: To Share or Not To Share' will be streamed to live audiences across the world through Twitter [@SBC Theatre](#) and [@GM_PSTRC](#). The performance takes place on 29 October, 7.15pm, at Z-Arts, Stretford Road, Manchester - tickets are free and can be booked through the [Z-Arts website](#).

Researchers from the Greater Manchester PSTRC also have an event at the Museum of Science and Industry, [#Share My Data](#), on 28 October, 10.30am-4pm. This session, suitable for all ages, will give you the chance to spot prescription errors in the mini pharmacy, play memory games and join the conversation around who is responsible for your health information, where it's held and how anonymous you can be. Both Greater Manchester PSTRC Science Festival events are being staged in collaboration with the [Public Programmes](#) team at The Nowgen Centre.

Friends of MAHSC

Manchester Academic Health Science Centre (MAHSC) has launched Friends of MAHSC to enable people to contribute to health improvements across Greater Manchester.

"The views and experiences of the public are essential in shaping MAHSC's work," said Professor Ian Greer, MAHSC Director. "Their input ensures that our programmes of research, education and patient care translate into the health technologies, treatments and patient services that are not only the most effective in improving people's health, but also provide patients with accessible information on our work."

Friends can choose which areas of health and what type of activities suit their interests and involvement can be tailored to suit their personal circumstances. Register by completing the [online membership form](#).

Citizen Scientist

If you have a research project that could benefit from promotion through [Citizen Scientist](#) contact [Francine Jury](#) on 0161 206 1828.



Training

Salford Research Training Academy

November

- [SOPs, policies and training](#) Tuesday 10 November, 2.30-4pm, Seminar Room 1, Mayo Building, Salford Royal. This session will look at the processes and requirements for writing SOPs and policies that apply to clinical research. It will also look at methods to establish training programmes for researchers and studies.
- [Writing for research - posters, reports and manuscripts](#) Friday 20 November, 1.30-3pm, Seminar Room 1, Mayo Building, Salford Royal. This session will look at the guidance and support available for those preparing documents for publication and display.

December

- [Introduction to R+D](#) Wednesday 2 December, 2-3pm, Seminar Room 2, Mayo Building, Salford Royal. This session will look at the role of R+D departments, research governance and how the R+D office supports research at Salford Royal.
- [Why do research? A brief history of clinical research and regulation](#) Friday 18 December, 12.30-1.30pm, Seminar Room 2, Mayo Building, Salford Royal. This session will cover some milestones in clinical research, how and why things can go wrong and why we need regulation.

NIHR GCP training 2015

- GCP Refresher, 17 November, afternoon.
- Introduction to GCP, 15 December, all day.

Hot Topics

- [HRA Approval: What does it mean for you](#) Friday 23 October, noon-1pm, Seminar Room 2, Mayo Building, Salford Royal. R+D Lead Natalie Garratt will look at issues around the latest phase of Health Research Authority approval, including what you need to do differently, how you apply and what are the timescales.
- R+D Christmas Quiz, Tuesday 15 December, noon-1pm, Frank Rifkin Lecture Theatre, Mayo Building, Salford Royal. Salford R+D's traditional end of year general knowledge prize quiz, with questions set by Adam Lounsbach.



Events

Neurotrauma Symposium. This event, sponsored by the Society of British Neurological Surgeons (SBNS) and TARN, will focus on clinical care of the head injured patient from pre-hospital to rehabilitation, as well as looking towards data and the future. It's on 23 October at the Royal Geographical Society, London. More [here](#).

Tackling Long-Term Conditions: Working in Partnership to Effect Real Change. This conference will showcase examples of best practice from organisations successfully breaking down the barriers of care, such as integrated primary and acute care systems, and highlight the importance of service-user involvement in service planning, commissioning and delivery. It's on 27 October at America Square Conference Centre, London. More [here](#).

Falling Through the Gaps – Improving Health Outcomes for Young People. This event will highlight the issues affecting adolescents and young adults' engagement with health and social care services and will explore solutions and ways to improve the health outcomes for these young people in Greater Manchester. It's on 4 November, 8.30-9.45am, at Manchester Museum. More [here](#).

Change Agent for Innovation. Dr Helen Bevan, Chief Transformation Officer for NHS Improving Quality, will speak at this masterclass on Wednesday 4 November in Liverpool. More [here](#).

Haelo's Festival of Learning. This event will showcase the innovation and cutting edge improvement work being undertaken in Salford, regionally and nationally. It will feature learning labs in Improving culture, quality and assurance (Salford Royal Nursing Assessment and Accreditation Scheme); The Science of Improvement, with Lloyd Provost; and a masterclass in telling your improvement story through film. It's on 11 November – more [here](#).

Immuno-Oncology Education Evening: Evidence and Experience. This event, organised by the Clatterbridge Cancer Centre, will be a chance to find out more about this rapidly developing field with examples of emerging data in lung and melanoma. It's on 11 November, 6-8pm, at Daresbury Park Hotel, Warrington. Email [Joanne Upton](mailto:Joanne.Upton@salfordroyal.nhs.uk) to register.

Improving Patient Care: Enhancing Quality and Experience. Improving patient experience through personalisation and co-design and the role of technology in improving safe care are among the topics at this conference on 17 November at The Place, Manchester. More [here](#).

MAHSC Research and Clinical Trials Day. This event will help researchers navigate the processes associated

with initiating clinical trials within MAHSC. Speakers include Salford R+D's Rachel Georgiou and MAHSC's Professor Colin Sibley. It's on 19 November at Jean McFarlane Building, The University of Manchester. More [here](#).

Action on Infection. The Federation of Infection Societies has given this conference the theme of 'Tackling infection beyond 2015'. It runs from 21-23 November at Glasgow SECC. More [here](#).

National PROMs Summit. This conference will feature practical presentations and masterclasses in Patient Reported Outcome measures (PROMs) as well as an update from Antoinette Edwards from TARN on the Major Trauma PROMs Feasibility Study. It's on 1 December at Colmore Gate, Birmingham – more [here](#).

The Future of Hospitals. This event will address how innovative, patient-centred services can develop a comprehensive model of hospital care that meets the needs of patients, now and in the future. Keynote speakers are Sir David Dalton and Dr Attila Vegh from the University Hospital of South Manchester. It's on 1 December at the University of Salford – more [here](#).

10th UK Stroke Forum Conference. Professor Julie Bernhardt, Head of Stroke Division at Florey Institute, Australia, is among the speakers at this conference, which also features a training day and a retrospective on progress in stroke care over the last decade. It runs from 1-3 December, at the Arena and Convention Centre, Liverpool – more [here](#).

NHS 5YFV Vanguard: New Care Models – Leading The Way. This conference will hear from the Vanguard sites on how their particular model is working in practice, the outcomes that can be achieved and the challenges to be overcome. It's at Manchester Conference Centre on 9 December. More [here](#).

Nutrition, Trauma and the Elderly: Opportunities to Improve Clinical Care. This MAHSC networking event is for clinicians, allied health professionals and scientists who want to work together to improve outcomes for elderly patients by developing nutritional screening and interventions. It's on 9 December, 5.30-7.30pm, at Citylabs, Manchester. More [here](#).

The Future of Diabetes. This conference will look at how the National Diabetes Prevention Programme is progressing and how different stakeholders in the public and private sector can work together to tackle the problem of diabetes. It's on 26 January 2016 at the University of Salford – more [here](#).

Alzheimer's Research UK Conference. This event will deliver the latest findings from across the breadth of biomedical dementia research, and forge collaborations with UK and international researchers. It takes place on 8 and 9 March 2016 at Manchester Town Hall – more [here](#).

The Changing Prospects for Cancer – A Good Survival. Topics to be discussed at this conference include translating projects into mainstream practice and emerging issues and developments. It takes place on 11 March 2016 at Emirates Old Trafford – more [here](#).

Dementia 2020. Prof Alistair Burns, Gillian Leng from NICE and Martin Rossor, the National Director for Dementia Research at the NIHR, are among the speakers at this conference at Church House, London, on 12 April 2016. More [here](#).



Staff Updates

Congratulations to...

- Dr Amy Foulkes, MRC Clinical Research Fellow, who received the Best Registrar's Paper award for her presentation 'A comprehensive omics assessment of etanercept therapy for psoriasis' at the British Association of Dermatologists' Annual Meeting in Manchester.
- Louise Tehrani, Senior Graphic Designer in Salford Royal's Design Services department, who has won a bronze Institute of Medical Illustrators Award for her work on posters and fliers to promote Research Week 2014.

Vacancies

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



Publications

Journals, articles, newsletters and blogs

- The latest MAHSC newsletter is available [here](#).
- Christopher Burton, Maria Horne, Kate Woodward-Nutt, Audrey Bowen, Pippa Tyrrell: [What is rehabilitation potential? Development of a theoretical model through the accounts of healthcare professionals working in stroke rehabilitation services](#) (Disability and Rehabilitation).
- Kayleigh Clarke, Tristan Dew, Rachel Watson, Mark Farrar, Joanne Osman, Anna Nicolaou, Lesley Rhodes, Gary Williamson: [Green tea catechins and their metabolites in human skin before and after exposure to ultraviolet radiation](#) (Journal of Nutritional Biochemistry).
- Simon Rothwell, Robert Cooper, John Bowes, Joanna Cobb, Hazel Platt, William Ollier, Lucy Wedderburn, Hector Chinoy, Janine Lamb, et al (Myositis Genetics Consortium): [Dense genotyping of immune-related loci in idiopathic inflammatory myopathies confirms HLA alleles as the strongest genetic risk factor and suggests different genetic background for major clinical subgroups](#) (Annals of the Rheumatic Diseases).
- Conor Deasy, Marina Cronin, Fiona Cahill, Una Geary, Patricia Houlihan, Maralyn Woodford, Fiona Lecky, Ken Mealy, Philip Crowley, on behalf of the Major Trauma Audit Governance Committee, National Office of Clinical Audit, Ireland: [Implementing major trauma audit in Ireland](#) (Injury).
- Christian Hendriksz, Mercedes Pinada, Michael Fahey, Mark Walterfang, Miriam Stampfer, Heiko Runz, Marc Patterson, Juan Torres, Stefan Kolb: [The Niemann-Pick Disease Type C Suspicion Index: Development of a new tool to aid diagnosis](#) (Journal of Rare Disorders).
- Gordon Fuller, Graham McClelland, Thomas Lawrence, Wanda Russell, Fiona Lecky: [The diagnostic accuracy of the HITSNS prehospital triage rule for identifying patients with significant traumatic brain injury: A cohort study](#) (European Journal of Emergency Medicine).
- Rahul Yadav, Yifen Liu, See Kwok, Salam Hama, Michael France, Ruth Eatough, Phil Pemberton, Joanthan Schofield, Tarza Siahmansur, Rayaz Malik, Basil Ammori, Basil Issa, Naveed Younis, Rachelle Donn, Adam Stevens, Paul Durrington, Handrean Soran: [Effect of extended-release niacin on high-density lipoprotein \(HDL\) functionality, lipoprotein metabolism, and mediators of vascular inflammation in statin-treated patients](#) (Journal of the American Heart Association).
- Michael Sury, Renuka Arumainathan, Alla Belhaj, James Palmer, Tim Cook, Jaideep Pandit: [The state of UK paediatric anaesthesia: A survey of National Health Service activity](#) (Paediatric Anaesthesia).
- Michael Hughes, Tonia Moore, Neil O'Leary, Andrew Tracey, Holly Ennis, Graham Dinsdale, Andrea Murray, Christopher Roberts, Ariane Herrick: [A study comparing videocapillaroscopy and dermoscopy in the assessment of nailfold capillaries in patients with systemic sclerosis-spectrum disorders](#) (Rheumatology).
- Shazli Azmi, Uazman Alam, Basil Ammori, Handrean Soran, Rayaz Malik: [The effect of bariatric surgery on obesity and its complications](#) (Diabetes Management).
- Philip Allan, Philip Stevens, Paul Chadwick, Antje Teubner, Arun Abraham, Gordon Carlson, Simon Lal: [Osteomyelitis in adult patients on long-term parenteral nutrition: 2,745 patient-years of experience in a national referral centre](#) (Clinical Nutrition).
- Daniel Howrigan, Antony Payton, Michael Horan, William Ollier, Matthew Keller, et al: [Genome-wide autozygosity is associated with lower general cognitive ability](#) (Molecular Psychiatry).
- Dominic O'Connor, Jeremy Radcliffe: [Patient positioning in anaesthesia](#) (Anaesthesia and intensive Care Medicine).
- Christopher McDermott, Mike Bradburn, Chin Maguire, Cindy Cooper, John Ealing, et al on behalf of the DiPALS Study Group Collaborators: [Safety and efficacy of diaphragm pacing in patients with respiratory insufficiency due to amyotrophic lateral sclerosis \(DiPALS\): A multicentre, open label, randomised controlled trial](#) (Lancet Neurology).
- Adrian Pace, S Lownes, Aditya Shivane, David Hilton, Stuart Weatherby: [A tale of the unexpected: Amyloida associated with intracerebral lymphoplasmacytic lymphoma](#) (Journal of the Neurological Sciences).
- Maryse Cnossen, Annemieke Scholten, Hester Lingsma, Anneliese Synnot, Emma Tavender, Dashiell

Gantner, Fiona Lecky, Ewout Steyerberg, Suzanne Polinder: [Adherence to guidelines in adult patients with traumatic brain injury: A living systematic review](#) (Journal of Neurotrauma).

- Diana Chiu, Philip Kalra, Smeeta Sinha, Darren Green: [Association of serum sodium levels with all-cause and cardiovascular mortality in chronic kidney disease: Results from a prospective observational study](#) (Nephrology).
- Sarah Tyson, Jack Wilkinson, Nessa Thomas, Ruud Selles, Candy McCabe, Pippa Tyrrell, Andy Vail: [Phase II pragmatic randomised controlled trial of patient-led therapies \(mirror therapy and lower limb exercises\) during inpatient stroke rehabilitation](#) (Neurorehabilitation and Neural Repair).
- Sheila Grecian, Paul J Chadwick, Samantha Haycocks, Paul R Chadwick, Robert Young, Angela Paisley: [Characteristics of calcaneal osteomyelitis: An unusual and severe form of diabetic foot disease](#) (British Journal of Diabetes and Vascular Disease).
- M Mahmood, Jack Wilkinson, Joanne Manning, Ariane Herrick: [History of surgical debridement, anticentromere antibody, and disease duration are associated with calcinosis in patients with systemic sclerosis](#) (Scandinavian Journal of Rheumatology).
- Christopher McDermott, Chin Maguire, Cindy Cooper, Roger Ackroyd, Wendy Baird, Andrew Bentley, Stephen Bianchi, Mike Bradburn, Simon Dixon, John Ealing, Simon Galloway, Pamela Shaw, et al: [Protocol for diaphragm pacing in patients with respiratory muscle weakness due to motor neurone disease \(DiPALS\): A randomised controlled trial](#) (BMC Neurology).
- Rachel Edmiston, Rohini Aggarwal, Kevin Green: [Bone conduction implants – a rapidly developing field](#) (Journal of Laryngology and Otology).
- Matt Oliver, Mike Grocott, Iain Anderson, Dave Murray: [The problem with emergency laparotomies](#) (British Journal of Hospital Medicine).

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 by close of play on the preceding Monday.

An archive of previous editions is available online at www.salfordresearch.org.uk.