

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 or 0161 206 8161.

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



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News

New role for John at University

John McLaughlin is the new Head of Division of Diabetes, Endocrinology and Gastroenterology at The University of Manchester's new [Faculty of Biology, Medicine and Health](#).

John, who is Professor of Gastroenterology and Nutrition in the Institute of Inflammation and Repair, Faculty of Medical and Human Sciences, is also a Consultant Gastroenterologist at Salford Royal, with a special interest in gut physiology in health and disease. His work includes research on gut hormones, the gut actually representing the largest endocrine system in the body!

He also leads the Comprehensive Local Research Network for Gastroenterology in Greater Manchester and the NIHR Academic Clinical Lecturer programme at the University.

The Faculty of Biology, Medicine and Health brings together the Faculty of Life Sciences and the Faculty of Medical and Human Sciences to deliver a translational approach to the life sciences, ensuring smooth research pathways - from pure discovery science through to clinical application and patient care. It is one of the largest faculties of its kind in the world, with more than 3,000 staff and 10,000 students and an enviable reputation for research, teaching and learning excellence.

TV news focuses on vitamin D research

Local TV station That's Manchester has reported on how adolescents are risking their bone health because they have low levels of vitamin D.

Prof Lesley Rhodes, Dr Mark Farrar, Research Nurse Jo Osman and patient Marian Wilson featured in the [news report](#), which followed up on [new research with schoolchildren in Manchester](#). It found that 16 per cent of the white 12-15-year-olds tested had very low vitamin D levels (vitamin D deficiency) in at least one season of the year – which is remarkable as this light skinned population is thought to gain enough vitamin D from sunlight. Nearly one quarter failed to reach the level many experts recommend at the end of summer (when levels are normally at their peak), rising to nearly three quarters in the winter.

The study backs up [new advice from Public Health England](#) that everyone over the age of one should take 10 micrograms of vitamin D daily, particularly in the autumn and winter.

MAHSC chair for Maxine

Congratulations to Professor Maxine Power, who has been awarded an Honorary Clinical Chair by [Manchester Academic Health Science Centre](#). She has been awarded the chair for her work in innovation and improvement – she is Chief Executive at [Haelo](#) and was formerly Salford Royal's Director of Innovation

and Improvement Science. Prof Power was also awarded an Honorary Chair by Salford University in 2014. She works across Salford, Greater Manchester, nationally and internationally on quality improvement programmes with particular emphasis on quality and safety.

New centre for acute tissue injury and trauma care

Salford Royal Consultants Professor Paul Dark and Dr Martin Smith will chair the official launch of the Greater Manchester Academic Centre for Acute Tissue Injury and Trauma Care (GM-CAT). This new alliance works across MAHSC partners and aims to ensure the NHS within Greater Manchester delivers world-class trauma services underpinned by research, education and training. Professor Dark is its Academic Director while Dr Smith is the Clinical Director of Greater Manchester Trauma Collaborative.

The event will include an opportunity to learn more about GM-CAT, have your say on its future direction and discover how to get involved. Professor Matt Costa, NIHR National Specialty Lead in Injuries and Emergencies, will be among the speakers.

GM-CAT's launch takes place on Wednesday 9 November, 1.30–5.30pm at Manchester Dental Education Centre. Register [here](#). The centre is also on Twitter [@gmcat MAHSC](#).

Greater Manchester Clinical Research Awards 2016

Greater Manchester Clinical Research Awards, now in their fourth year, provide an opportunity for our health research community to benchmark their skills against their peers.

The awards enable the Clinical Research Network Greater Manchester to recognise the region's hard-working and high-achieving researchers, research teams, R+D departments and other research support functions.

There are 10 categories to recognise the valuable research delivery achievements by people and teams since April 2015. The awards are open to all NHS research staff and anyone can submit nominations so please make sure Salford Royal staff get their chance in the spotlight!

The top three shortlisted in each category will be invited to the awards ceremony at a Manchester city centre hotel on 17 November. Nominations close on Sunday 18 September. [Find out more and submit nominations](#).

Universities team up for new medical school

The University of Manchester, the University of Salford and Manchester Metropolitan University are working together to explore proposals to train health professionals starting with a new independent, international medical school to train more doctors.

The proposals will see the extension of medical training in the North West. This is in addition to the work already carried out by The University of Manchester's own medical school, which has been educating doctors since 1874. The proposal draws on the breadth of experience across all three universities in educating and training healthcare professionals. The new school will have an international focus, and will allow the most talented applicants from abroad to benefit from the breadth of skills and knowledge at all three universities.

It is a further development in the devolution of Greater Manchester's healthcare system, so-called 'DevoManc'.

Tickets on sale now for Staff Awards

This year's Salford Royal Staff Awards take place on Friday 7 October at Manchester United's Old Trafford ground and tickets are on sale now. The event is always a sell out so make sure you don't miss out.

Voting will open soon - although there is no longer a Research Practitioner of the Year category, there are 10 categories where you can vote, including Doctor of the Year and Nurse of the Year, while the Jill Simpson Award for Clinical Excellence is particularly looking for staff who have made a difference by learning from

patients' experiences or using research to improve services.

Votes have to be registered on the intranet – please keep an eye on this and staff newsletter SiREN for updates.

Other external award schemes that could recognise and reward your and your colleagues' hard work and dedication are now open for entries:

- [QuDoS in MS Awards](#) (deadline 12 September)
- [Our Health Heroes Awards](#) (deadline 29 September)

Developing a type 2 diabetes pathway

Diabetes researchers and healthcare professionals are invited to get involved in the development of a Greater Manchester Diabetes Partnership Work Programme.

The work is being led by Greater Manchester Strategic Clinical Network and ABPI on behalf of the pharmaceutical industry and aims to improve outcomes for patients and reduce variation in care. A set of priority areas, developed by a core group of NHS and social care stakeholders will be considered as a starting point for the programme. A meeting on 6 October (1-5pm) will look in more detail at these priority areas to agree the principles of partnership working, validate or amend the topics selected, identify barriers and enablers and agree actions for moving forward towards implementation.

The meeting is at Novotel Manchester West, Worsley Brow, Worsley, Manchester M28 2YA and a light lunch will be available from 1pm. Register [here](#).

Call for abstracts for supportive and palliative care research conference

This [free conference](#), organised by NIHR CLAHRC Greater Manchester, will offer an opportunity to network, share ideas and discuss and present audit and research findings with colleagues. It will celebrate excellent audit and research work in the field of palliative care, with a focus on putting local evidence into practice, improving care provision and moving priority setting forward.

Abstracts are invited for oral presentations of audit and research, as well as posters to be presented over lunch and during breaks. The submission deadline is Friday 30 September and the conference takes place on 30 November at Chancellors Hotel and Conference Centre, Fallowfield, Manchester. [Read more](#).



Governance

HRA Approvals return to Salford Royal

From 1 August, all new studies submitted for Health Research Authority Approval (whether portfolio or non-portfolio) will be handled by the team at Salford Royal, not the Clinical Research Network: Greater Manchester.

We would like to thank CRN: GM, and in particular our colleague Dayle Roberts, for his support with the smooth set up of our studies over the last couple of years. Any studies that have already been submitted for approval will be handled under the old system. A new member of staff will be joining the team at Salford in the next couple of months, but we would ask for colleagues' patience while we deal with the increased workload in the interim.

Queries about and applications for new research should be directed to salfordRD@manchester.ac.uk.



Engagement

New face at Citizen Scientist Project

Salford R+D welcomed Natalie Balmain as Engagement and Communications Officer for the Citizen Scientist Project this month.

Natalie can offer tailored assistance for your study, spreading the message to both patients and healthy volunteers. The Citizen Scientist database includes more than 3,000 local people who are interested in taking part in research, both healthy volunteers and patients with a wide variety of health conditions. Those who've registered their details are sent regular updates about research that is going on locally but anyone can use www.citizenscientist.org.uk, [@Citzsci](https://twitter.com/Citzsci) on Twitter and www.facebook.com/CitizenScientistProject to find out about studies.

Find out more about Citizen Scientist on its [website](#) or call [Natalie](#) on 0161 206 1828.

Exploring innovation

The NIHR Research Design Service North West (RDS NW) is holding a one day event to explore and share innovative and effective ways of involving members of the public in health and social care research.

The event, on 6 September, is for researchers and members of the public who are involved in health research in the North West. It runs from 9.30am-3.30pm in Manchester - to register and for more details [visit the event website](#).



Funding

MAHSC to oversee RfPB bids

MAHSC will be reviewing applications for the National Institute for Health Research's next call for [Research for Patient Benefit \(RfPB\) funding applications](#). The aim of the internal peer review is to enhance the competitiveness of applications from MAHSC members, improving quality by providing critical evaluations. R+D departments must be involved at an early stage in the preparation of applications to ensure that all finance streams and details are correct.

All paperwork, including a completed draft grant application form, should be submitted electronically to [Louise Berry](#) by 19 October at the latest.

Fellowship programme open now

Applications are now open for the National Institute for Health Research Knowledge Mobilisation Research (KMR) Fellowship Programme.

These have been designed to support the more effective use of research knowledge as well as to examine implementation processes and impacts. The KMR Fellowship Scheme is targeted at people with healthcare management and/or academic experience and the potential to mobilise research knowledge in healthcare settings.

Applications close on 15 September. Interviews will be held in Leeds next January, and successful applicants must be able to begin the fellowship on 1 April, 1 May or 1 June 2017.

More information, including application details, is available [here](#). Contact the [NIHR Trainees Coordinating Centre](#) or call 0113 346 6260 with any queries.



Training

Improving health by improving trials

This course aimed at health and research professionals, especially those aiming to become Chief Investigators, will be run by the North West Clinical Trials Collaborative at The University of Manchester. It will include trial design and conduct, recruitment of participants, patient and public involvement, analysis and reporting and health informatics and economics.

The Faculty includes Profs Peter Bower, Paula Williamson, Carrol Gamble, Bridget Young and Dyfrig Hughes. The course runs from 19-23 September and the course fee is £475. For more information or to apply for a

place, email nwhtmr@liv.ac.uk

Bite size seminars from the Clinical Research Network

The National Institute for Health Research Clinical Research Network: Greater Manchester is holding a series of short seminars. They are aimed all staff working in, supporting or interested in working in research and will give information on how the CRN is performing in research, raise awareness of the support it can offer (including the new study support service) and give a chance to network with colleagues over lunch.

The next seminar takes place at the Education Centre at the Royal Bolton Hospital on 13 September, 12-1.30pm and includes lunch. Register [here](#) or [email](#) for more information.



Events

[EFMC International Symposium on Medicinal Chemistry](#). This conference will cover drug discovery advances in major therapeutic areas, including the treatment of pain, central nervous system disorders, anti-infectives, ophthalmology, cardiovascular diseases and oncology. It runs from 28 August-1 September at Manchester Central.

[Health and Care Innovation Expo 2016](#). Speakers at this NHS England event at Manchester Central on 7 and 8 September include Simon Stevens, Prof Robert Wachter, Matthew Syed, Prof Sir Bruce Keogh, Jane Cummings, Cally Palmer CBE and Dame Fiona Caldicott.

[Edinburgh International Conference of Medicine: Past, Present and Future](#). Salford Royal's Prof Simon Lal and Dr Tina Chryoschou will speak at this conference organised by the Royal College of Physicians of Edinburgh and the Society for Acute Medicine. It's on 12 and 13 September at Edinburgh International Conference Centre.

[Pandemics and Infection Control: Meeting Tomorrow's Threats and Challenges Today](#). Marc Beveridge from Public Health England is among the speakers at this conference on 14 September in Central London.

[Let's Talk Research](#). NHS R+D North West's annual conference is at the Royal Northern College of Music, Manchester, on 15 and 16 September. This year's theme is edge walking, exploring novel approaches to research, development and innovation. Speakers include Prof Caroline Watkins, Director of Research and Innovation at UCLan, Penny Clough MBE, Prof Ged Byrne, Director of Education and Quality at HEE North and Prof Sally Spencer from Edgehill University.

[Congress of the European Society of Contact Dermatitis](#). This will start with a pre-symposium on occupational skin disease organised with the Centre for Occupational and Environmental Health of The University of Manchester on 14 September. The meeting programme from 15-17 September will reflect areas of current scientific and clinical interest on all aspects of contact dermatitis and allergic skin disease. It takes place at Manchester Central.

[Diabetic Foot Integrated Care Conference](#). Diabetes UK is supporting this conference at Birchwood Park, Warrington on 15 and 16 September.

[Christie International Student Cancer Conference](#). For medical students interested in a career in cancer care, this conference will include expert professional speakers, oral and poster presentations and a careers panel. It's on 24 and 25 September at the Christie Education Centre, Manchester.

[Cancer Prevention and Early Detection Showcase](#). This MAHSC Cancer Domain event will emphasise the strategic importance of research into cancer prevention and early detection. It is open to all university and NHS researchers, including those not currently involved in cancer research. It runs from noon-7.30pm on 28 September at the Manchester Cancer Research Centre.

[Urgent and Emergency Care: Safer, Better, Faster](#). Speakers at this conference include Rick Stern from the Primary Care Foundation, Andrew Snell from Leeds Institute of Health Sciences and Prof Keith Willett, NHS

England's Director for Acute Care. It's on 29 September at Manchester Conference Centre.

[International Technology Enabled Care Conference](#). The theme for this conference will be Connected Care, Connected Homes and Connected Communities. It's on 18 and 19 October at the International Convention Centre, Birmingham.

[DigiHealthUK: Transforming Healthcare Delivery](#). This conference will focus on how health services can bridge the gap between the current pressures on the system and the plans for the NHS to become a world leader in the development and use of technology in health and social care. It's on 20 October at Manchester Conference Centre.

[British Institute of Radiology Annual Congress](#). This conference will cover radiology, radiation oncology and the underlying sciences. It's on 3 and 4 November at Prospero House, London.

[Manchester Orthopaedics 2020](#). Greater Manchester Orthopaedic Alliance is hosting a one day conference to shape the future of orthopaedic services across the region. Guest speaker is Rob Gregory, Consultant Trauma and Orthopaedic Surgeon at County Durham and Darlington NHSFT. It's on 11 November, 9am-5pm, at King's House Conference Centre, Manchester.

[International Severe Asthma Forum](#). The 3rd ISAF will bring together scientists and clinicians for a meeting dedicated to all aspects of severe asthma. It runs from 17-19 November at Hilton Manchester Deansgate.

[Public Health: Prevention in Practice](#). Dr Raymond Jankowski of Public Health England and Francesca Archer Todde of Being Well Salford will be among the speakers at this conference on 24 November at Manchester Conference Centre.

[UK Stroke Forum 2016](#). Dr Audrey Bowen, Claire Mitchell of ReaDySpeech and Katy Rothwell from CLAHRC GM are among more than 90 expert speakers at this conference at ACC, Liverpool from 28-30 November.



Staff Updates

Congratulations to...

- Research for the Future's Help BEAT Diabetes campaign, which has been selected as a finalist in the [Quality in Care \(QiC\) Diabetes 2016 Awards](#). Results will be announced on 13 October. The campaign has been shortlisted in the category Diabetes Collaboration Initiative of the Year, recognising the work of the three partners, NIHR Clinical Research Network: Greater Manchester, North West EHealth and Salford Royal. Research for the Future runs the campaign and similar ones for respiratory disease and heart disease to help people with those conditions find out more about relevant research.

Vacancies

- [Vascular Research Nurse](#) – Band 5 (closing date 23 August)
- [Senior Research Nurse \(Core Clinical Research Team\)](#) – Band 6 (closing date 29 August)
- [Metabolic Medicine Data Clerk](#) – Band 3 (closing date 1 September)

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



Publications

Journals, articles, newsletters and blogs

- Sarah Felton, Marcus Cooke, Richard Kift, Jacqueline Berry, Ann Webb, Patricia Lam, Frank de Gruuji, Andy Vail, Lesley Rhodes: [Concurrent beneficial \(vitamin D production\) and hazardous \(cutaneous DNA damage\) impact of repeated low-level summer sunlight exposures](#) (British Journal of Dermatology).

- Thomas Hellyer, Niall Anderson, Jennie Parker, Paul Dark, Tina Van Den Broeck, John Simpson, et al: [Effectiveness of biomarker-based exclusion of ventilator-acquired pneumonia to reduce antibiotic use \(VAPrapid-2\): Study protocol for a randomised controlled trial](#) (Trials).
- Nasir Mirza, Olga Vasieva, Richard Appleton, Sasha Burn, Daniel Carr, Daniel Crooks, Daniel du Plessis, Roderick Duncan, Jibril Farah, Vivek Josan, Fabio Miyajima, Rajiv Mohanraj, Arif Shukralla, Graeme Sills, Anthony Marson, Munir Pirmohamed: [An integrative in silico system for predicting dysregulated genes in the human epileptic focus: Application to SLC transporters](#) (Epilepsia).
- Rebecca Morris, Darren Ashcroft, Denham Phipps, Peter Bower, Donal O'Donoghue, Paul Roderick, Sarah Harding, Andrew Lewington, Thomas Blakeman: [Preventing acute kidney injury: A qualitative study exploring 'sick day rules' implementation in primary care](#) (BMC Family Practice).
- Mueez Waqar, Jonathan Ellenbogen, Matthew Stovell, Rafid Al-Mahfoudh, Conor Mallucci, Michael Jenkinson: [Long-term outcomes of endoscopic third ventriculostomy in adults](#) (World Neurosurgery).
- Louise Robinson, Pauline Adair, Margaret Coffey, Rebecca Harris, Girvan Burnside: [Identifying the participant characteristics that predict recruitment and retention of participants to randomised controlled trials involving children: A systematic review](#) (Trials).
- Jingshu Xu, Paul Begley, Stephanie Church, Stefano Patassini, Selina McHarg, Nina Kureishy, Katherine Hollywood, Wanchang Lin, Richard Unwin, Andrew Dowsey, Garth Cooper, Karl Herholz, Jack Rivers-Auty, Catherine Lawrence, Katherine Kellett, Nigel Hooper, Emma Vardy, et al: [Elevation of brain glucose and polyol-pathway intermediates with accompanying brain-copper deficiency in patients with Alzheimer's disease: Metabolic basis for dementia](#) (Scientific Reports).
- Naomi Fulop, Angus Ramsay, Catherine Perry, Ruth Boaden, Christopher McKevitt, Anthony Rudd, Simon Turner, Pippa Tyrrell, Charles Wolfe, Stephen Morris: [Explaining outcomes in major system change: A qualitative study of implementing centralised acute stroke services in two large metropolitan regions in England](#) (Implementation Science).
- Christine Lavery, Christian Hendriksz: [Mortality in patients with Morquio syndrome A](#) (JIMD Reports).
- Adrian Quartel, Christian Hendriksz, Rossella Parini, Sue Graham, Ping Lin, Paul Harmatz: [Growth Charts for individuals with mucopolysaccharidosis VI \(Maroteaux-Lamy syndrome\)](#) (JIMD Reports).
- Silke Gillissen, Clare Gilson, Nick James, Amanda Adler, Matthew Sydes, Noel Clarke: [Repurposing metformin as therapy for prostate cancer within the STAMPEDE trial platform](#) (European Urology).
- James Hanison, Tony Thomas: [Medication safety](#) (ICU Management and Practice).
- Eleni Theodorakopoulou, Zenas Yiu, Christine Bundy, Leena Chularojanamontri, Matthew Gittins, Lynne Jamieson, Luisa Motta, Richard Warren, Christopher Griffiths: [Early and late onset psoriasis: A cross-sectional clinical and immunocytochemical investigation](#) (British Journal of Dermatology).
- Yi Shiao Ng, Catherine Feeney, Andrew Schaefer, Carol Holmes, Paula Hynd, Charlotte Alston, John Grady, Mark Roberts, Mellisa Maguire, Alexandra Bright, Robert Taylor, Yan Yiannakou, Robert McFarland, Doug Turnbull, Grainne Gorman: [Pseudo-obstruction, stroke and mitochondrial dysfunction: A lethal combination](#) (Annals of Neurology).
- Ayse Zengin, Stephen Pye, Michael Cook, Judith Adams, Frederick Wu, Terence O'Neill, Kate Ward: [Ethnic differences in bone geometry between white, black and South Asian men in the UK](#) (Bone).
- Tony Thomas, John MacDonald: [A review of patient safety incidents reported as 'severe' or 'death' from critical care units in England and Wales between 2004 and 2014](#) (Anaesthesia).
- Diana Chiu, Nik Abidin, John Hughes, Smeeta Sinha, Philip Kalra, Darren Green: [Speckle tracking determination of mitral tissue annular displacement: Comparison with strain and ejection fraction, and association with outcomes in haemodialysis patients](#) (International Journal of Cardiovascular Imaging).
- Dimitrios Poulidakos, Marek Malik: [Challenges of ECG monitoring and ECG interpretation in dialysis units](#) (Journal of Electrocardiology).
- Paul McCabe, Matthew Parkes, Nasimah Maricar, Charles Hutchinson, Anthony Freemont, Terence

- O'Neill, David Felson: [Synovial fluid white cell count in knee osteoarthritis: Association with structural findings and treatment response](#) (Arthritis and Rheumatology).
- Ram Narayanan, Akheel Syed: [Pregnancy following bariatric surgery – medical complications and management](#) (Obesity Surgery).
 - Allison Tong, Braden Manns, Brenda Hemmelgam, Donal O'Donoghue, Sajeeda Youssouf, Jonathan Craig, et al: [Establishing core outcome domains in hemodialysis: Report of the Standardized Outcomes in Nephrology – Hemodialysis \(SONG-HD\) consensus workshop](#) (American Journal of Kidney Diseases).
 - Ailsa Hart, Miranda Lomer, Azmina Verjee, Karen Kemp, Omar Faiz, Ann Daly, Julie Solomon, John McLaughlin: [What are the top 10 research questions in the treatment of inflammatory bowel disease? A Priority Setting Partnership with the James Lind Alliance](#) (Journal of Crohn's and Colitis).
 - Victoria Newton, Robert Bradley, Pierre Seroul, Marie Cherel, Christopher Griffiths, Anthony Rawlings, Rainer Voegeli, Rachel Watson, Michael Sherratt: [Novel approaches to characterize age-related remodelling of the dermal-epidermal junction in 2D, 3D and in vivo](#) (Skin Research and Technology).
 - Margaret Cuffwright: [Asthma in the under 5s: A pragmatic approach to supporting families](#) (Journal of Health Visiting).
 - Margaret Cuffwright: High-quality asthma clinics for children (Practice Management).
 - Dominique Germain, Derralyn Hughes, Ana Jovanovic, Raphael Schiffmann, et al: [Treatment of Fabry's disease with the pharmacologic chaperone migalastat](#) (New England Journal of Medicine).
 - Muhammad Bilal, Abdul Haseeb, Muhammad Saad, Muhammad Ahsan, Madiha Raza, Aafia Ahmed, Waqas Shahnawaz, Bilal Ahmed, Vanita Motiani: [The prevalence and risk factors of gallstone among adults in Karachi, South Pakistan: A population-based study](#) (Global Journal of Health Science).
 - William Jeffcoate, Bob Young: [National Diabetic Foot Audit of England and Wales yields its first dividends](#) (Diabetic Medicine).
 - Benjamin Davies, Hiren Patel: [Systematic review and meta-analysis of preoperative antisepsis with combination chlorhexidine and povidone-iodine](#) (Surgery Journal).
 - Watcharee Rungapiromnan, Zenas Yiu, Richard Warren, Christopher Griffiths, Darren Ashcroft: [Impact of biologic therapies on risk of major adverse cardiovascular events in patients with psoriasis: Systematic review and meta-analysis of randomised controlled trials](#) (British Journal of Dermatology).
 - Abigail Langton, Evridiki Tsourelis-Nikita, Christopher Griffiths, Christina Antoniou, Alexander Stratigos, Michael Sherratt, Rachel Watson: [Lysyl oxidase activity in human skin is increased by chronic UV-exposure and smoking](#) (British Journal of Dermatology).

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.