

Research Bulletin May 2021

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SIREN Study



In a fantastic effort from the Research and Development nursing team, over 400 participants have been recruited to the SIREN study. Achieved in just 21 days and led by Senior Research Nurse Susan Fowler along with Principal Investigator Dr Devesh Dhasmana, this is a fabulous result. The team would like to thank the amazing members of NHS Fife staff who have made this possible.

The SIREN study aims to understand whether prior infection with CoVID-19 protects against future infection with the same virus, answering vital questions including:

- · Can you be reinfected with COVID-19?
- · Can you have COVID-19 without displaying symptoms or knowing about it?
- · How long do antibodies last following infection with COVID-19?

This fantastic effort has only been possible thanks to the contribution of NHS staff. The SIREN team would like to extend a huge thank you to everyone who has taken part.



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Royal College of Nursing Research Bulletin

<u>research-and-innovation-bulletin/current-and-past-issues</u> to access links



The voice of nursing in the UK

RCN Forums

Forums make a significant contribution to the nursing voice and professional offer of the RCN. This report provides an overview of the range of work that forum members have achieved during 2020.

Read the review



Lifelong learning

The RCN has launched the Education,
Learning and Development Strategy.

Partnering with RCNi, the aim is to
provide professional leadership,
education, personal development, clinical
and research opportunities that will boost
training and development for all parts of
the nursing workforce.

Missed care in the community

A secondary analysis of an RCN staffing survey, done by the RCN strategic research alliance team at the University of Sheffield, showed that in primary care and the community, missed care was significantly more likely to occur on understaffed shifts (39%) compared to fully staffed shifts (23%).

NHS Fife

NHS Fife Research & Development

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Mental health nursing research
The RCN International Mental Health
Nursing Research Conference takes
place 9-10 June. Join us online for an
exciting and informative programme of
talks, debates and presentations about
transforming mental health care services.

Research funding

Crohn's and Colitis UK invites applications for funding of research that is novel/ original, good value for money, and will benefit people with Crohn's, Colitis, or any other form of Inflammatory Bowel Disease (IBD) in the UK.

Register

Apply by 28 May

Innovation case studies

The Academic Health Science Networks (AHSN) Atlas is a platform for the very best examples, from across the 15 AHSNs in England, of how to spread high impact innovation across the health and care system.

- Introducing digital pathways to reduce unnecessary follow up outpatient appointments.
- Moving diabetic foot care to the community using a digital solution.
- Detecting early stage liver disease.

Alternatively, visit the AHSN Atlas website to search the full range of projects.



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Inaugural lecture - online

Join Professor Jacqueline Leigh,

University of Salford, on 27 May as she
gives her inaugural lecture, The future of
nurse education practice: imagining the
art of the possible.

Register

A research portfolio

NHS England has launched a collection of research studies that demonstrate the impact and contribution that nursing, midwifery and care staff can make to transforming health and care.

Find out more

Research impact

Could you be the next Programme

Director of the National Institute for Health
Research (NIHR) Health Services and
Delivery Research (HSDR) Programme?

You will succeed Professor Jo RycroftMalone, who comes to the end of her
tenure at the end of November 2021.

Apply by 5 July

Nurse-led care

The Professional Record Standards Body (PRSB) has been asked to develop a new nursing standard by NHSX for use across health and social care settings. The standard will aim to improve quality and safety of care in key nurse-led areas, including care planning.

Find out more

Fife

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Research funding opportunities

The following research funding opportunities are relevant for nurse or midwife researchers. Closing dates for June 2021 include the following grants:

- Early career small grants and project grants, Diabetes UK, closes 1 June.
- Awards and fellowships, Multiple Sclerosis Society, closes 15 June.
- Clinical doctoral research fellowship, Health Education England/NIHR, closes 15
 June.
- Research fellowships for health professionals, Wellcome, closes 16 June.
- Sir Robert Boyd fellowship (older people), The Dowager Countess Eleanor Peel Trust, closes 30 June.

You can see more opportunities like these, including fellowships and help to attend conferences, on our research funding web page.

Find funding

PhD funding

Wellbeing of Women has partnered with the NIHR to fund a doctoral fellowship.

Applications are welcomed in three areas: pregnancy, birth and the postpartum period; gynaecological cancers; and general wellbeing issues like endometriosis and menopause.

Cancer clinical trials

Cancer Research UK is hosting a free online webinar for clinical research nurses on 20 May. The webinar will explore positive lessons from delivering cancer clinical trials during COVID-19, and how these insights can influence the future of cancer trial delivery for the better.

Apply by 15 July

Register

NHS

NHS Fife Research & Development

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R&D Education Programme – current programme finalised from February till June

Critical Appraisal: Making Sense of Other People's Research"

	Date: Thursday 20 th May
	Time: 9.30 – 12.30
Ī	Venue: Microsoft Teams

This workshop is designed to help health care staff identify the strengths and weaknesses of research papers. This is particularly important for staff planning services and deciding when to change practice as these decisions should be based on robust evidence. The course will also help those designing their own projects and writing up their results in ad hoc reports and peer-reviewed papers. At the end of the course those attending should be able to:

- Define what is meant by critical appraisal
- Describe the key features of quantitative & qualitative research
- Understand the strengths & weaknesses of different quantitative studies / designs
- Identify the correct study design for a given research question
- Be familiar with the hierarchy of evidence
- Be familiar with critical appraisal check lists
- Have an understanding of sources of bias
- Gain practical experience in critical appraisal of a research paper

"Implementing Research Findings Into Clinical Practice"

Date: Thursday 10 th June	
Time: 09.30 – 12.30	
Venue: Microsoft Teams	

New research can influence health care and bring benefits to patients, but not all research findings should be implemented. Decision makers and individual practitioners need to interpret the quality and applicability of the available research evidence and the potential benefits or harms to patients. This 3-hour session will introduce key principles for knowing when to act on the evidence.



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R&D Education Programme

"Writing a Research Question & Proposal"

Date: Thursday 24 th June
Time: 9.30 – 12.30
Venue: Microsoft Teams

This 3-hour workshop is directed at novice researchers who are in the early stages of planning a research project. The course is relevant in particular to those undertaking an MSc course. Examples of protocols are used throughout. At the end of the workshop those attending should be able to:

- Identify the features of a good study
- Describe the components of a valid research question
- Understand the difference between a qualitative and quantitative approach
- Describe the strengths and weaknesses of different study designs
- Choose a study design appropriate to a research question
- Describe the key content of a protocol
- Have a better understanding of their own study's protocol
- Consider what to do if the manuscript is accepted

Bookings for the R&D Education Courses can be made via Roy.halliday@nhs.scot



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NHS Scotland Research Bulletin

http://www.nhsresearchscotland.org.uk/about/resources



Research Bulletin - April 2021 (Issue 62)

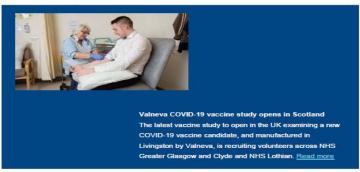
This month saw more developments in the efforts to combat the COVID-19 pandemic, with two new vaccine trials opening to recruitment in Scotland. Following positive safety and immunogenicity study results from the Phase 1/2 stage, the Valneva study - with the vaccine manufactured at the company's site in Livingston - has opened in NHS Greater Glasqow and Clyde and NHS Lothian. Simultaneously, Medicago - a biopharmaceutical company based in Canada - and GlaxoSmithKline (GSK) are launching the Phase 3 randomised, observer-blinded, placebo-controlled study of their vaccine candidate, with recruitment now open in NHS Grampian.

The COVID-19 platform trial PRINCIPLE also reported new results this month, on the common corticosteroid budesonide. The asthma drug is the <u>first widely available</u>, inexpensive drug found to shorten recovery times in COVID-19 patients aged over 50 who are treated at home and in other community settings. The drug is now available to treat COVID-19 on a case-by-case basis in UK primary care.

Elsewhere this month, a new NIHR call <u>invites proposals for dementia research</u> to address important health and social care questions; <u>registration for the NRS Pain virtual conference opens</u>; the Nursing Times Awards <u>opens their clinical research nursing category for nominations</u>; and much more.

Maintaining research is essential, and thanks go to all staff, patients and families across Scotland supporting vital COVID-19 research. The COVID-19 pages on the NRS website continue to be updated, and as always, your ideas, feedback and contributions are welcome.







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New COVID-19 vaccine study opens in NHS Grampian Medicago, a biopharmaceutical company based in Canada, and GlaxoSmithKline (GSK) have launched a Phase 3 vaccine trial, recruiting in NHS Grampian. The study is the first to test a plant-derived COVID-19 vaccine candidate and will evaluate the efficacy and safety of the Coronavirus-Like Particle COVID-19 Vaccine (COVLP), Readmone



Call for dementia research proposals
The National Institute for Health Research (NIHR) call invites
proposals for dementia research to address important health
and social care questions. The call aims to continue building
the evidence base, to improve the lives of people affected by
dementia. Read more



PRINCIPLE trial reports on treatment for COVID-19 Inhaled budesonide, a common corticosteroid, is the first widely available, inexpensive drug found to shorten recovery times in COVID-19 patients aged over 50 who are treated at home and in other community settings. Read-more





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Health Innovation South East Scotland

https://hises.edinburghbioquarter.com



View this newsletter online



Welcome to our monthly newsletter

Funded through the Chief Scientist's Office, Health Innovation South East Scotland (HISES) forms part of national network created to deliver the Scottish Government's vision to utilise the innovation process to deliver a healthier and wealthier nation for the future.

Formed through a collaboration of three NHS Boards — Borders, Fife and Lothian, with the latter taking on the role of lead host Board, HISES has a pivotal role in delivering innovative solutions to the health and social challenges, both regionally and nationally. Need to contact us? Get in touch

Innovations@nhslothian.scot.nhs.uk

In your news



Care Home Innovation: Associate feature in Holyrood magazine

Dr Susan Shenkin from the Department of Geriatric Medicine at the University of Edinburgh, features in the Public Health edition of Holyrood magazine, highlighting the golden opportunity to build on positive data-enabled work and the vast potential for Scotland's care home sector that lies in data-led innovation. Dr Shenkin is also the Clinical Innovation Lead for the HISES Care Home Data Platform Innovation Foundation SBRI Challenge and is working alongside Research Champion, Lucy Johnston from Napier University. Phase 1 starts on the 19th April where the top 5 shortlisted companies will assess if currently collected data on residents by care homes, can provide a holistic digital picture of a resident's health, wellbeing and care needs. Read More



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Health Innovation South East Scotland



Case Study: Tailored Talks for COVID-19 ICU Survivors

The application of the Tailored Talks platform is a critical enabler of the Hospital to Home pathway developed by Pogo Studio in partnership with NHS Lothian and Chest, Heart & Stroke Scotland. It was created to facilitate effective discharge, to support people and their families make the transition from ICU to home following a COVID diagnosis, and to ensure that there is ongoing support as people learn to live with the longer-term impact of the virus. Dr Judith Merriweather, Critical Care Recovery Service Lead in NHS Lothian shares how this has worked in practice and the future vision of using Tailored Talks.

Read More



We'd like to thank all applicants who applied for our two latest HISES SBRI innovation competitions. Following a rigorous assessment process through an independent panel, the Multi-morbidity Acute Care SBRI has successfully shortlisted 4 companies to take into Phase 1 to develop a data-driven solution to improve the care and outcomes for patients with multi-morbidities admitted to A&E.

Applications received for the Hip Fracture SBRI are currently at the assessment stage. Once this process is complete, we will take up to 5 companies into Phase 1 to develop a solution which will improve quality of care and outcomes for hip fracture patients. You can find out more on the current HISES portfolio on our website.

Read More





HISES Diabetes SBRI Phase 1 starts!

The Inpatient Diabetes Challenge is led by Endocrinologist Dr Stuart Ritchie who is based at the Western General Hospital in Edinburgh. The original project start date of 1st February 2021 was sadly delayed due to COVID hospital pressures. However, we are now delighted to announce that the two shortlisted companies MyWay Digital Health and CamDiab Ltd are now ready to start Phase 1 in April 2021. In Phase 1, the challenge solvers will be exploring potential solutions to develop a real-time decision support tool and alert mechanism that can improve triage, pre-vent medication errors, identify emergencies, and streamline the diabetes care pathway.

Read More



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Health Innovation South East Scotland



<u>Data Ethics, AI and Responsible Innovation: Free</u> <u>Online Course</u>

Data is power that can be used to help or harm. Learn about Data Ethics, AI and Responsible Innovation with this free 5-week online course developed by the University of Edinburgh's Innovation Hub for Data Science and Artificial Intelligence. This story-driven course is taught by the leading experts in data science, AI, information law, science and technology studies, and responsible research and innovation, and informed by case studies supplied by the digital business frontrunners and tech companies. Starting Monday 3rd May, enrol today!



<u>Colon Capsule Endoscopy Webinar:</u> <u>An international research partnership</u>

Since 2019, clinical teams in Denmark and Scotland have worked on establishing strong research units around the use of colon capsule endoscopy (CCE) for diagnosing colorectal cancer. Parallel to local implementation and research projects, the teams at Odense University Hospital, Denmark, and in the NHS Highland region of Scotland have developed a close relationship focused on sharing knowledge and research findings as well as joining forces on international clinical research. Join the webinar 3 – 4.30pm on Tuesday, 20th April to hear about the work that has been done so far. Read More



Case Study: A digital companion for dementia care

CogniHealth, an Edinburgh-based health-tech company that creates digital solutions for long-term conditions, has teamed up with the University of the Highlands and Islands and the University of Edinburgh to develop their healthcare app for dementia carers. Their flagship solution, CogniCare, empowers carers with an array of resources and activities that cover all aspects of dementia care in one place. It uses artificial intelligence (AI) to drive personalised dementia care support with the aim to reduce the affected family's financial, physical and psychological burden. Read More



Health Foundation funding and opportunities in 2021

Stay one step ahead with this forward look at some of the key opportunities to get involved in the Health Foundation grant programmes, research projects, networks and fellowships over the coming year. Read more



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NHS Scotland Innovation Project Manager Opportunity

NHS Forth Valley are looking for a highly motivated individual to plan, manage and deliver agreed innovation projects within Forth Valley, NHS West of Scotland Region and NHS Scotland. The role will support the national Health Innovation Partnership and Open Innovation projects. Closing date for applications is the 21st April 2021. If this sounds like you and are interested in applying, please click the link below. Read More



Three new masters programmes launched with support from the DDI programme

The University of Edinburgh have just launched three new online masters degrees with support and funding from the Data Driven Innovation programme. The MSc Data Science for Health and Social Care, MSc Epidemiology and MSc Integrated Global Health were launched in March 2021 and the programmes are the first key deliverables of the Data-Driven Innovation Health and Social Care Talent programme, led by the Usher Institute. All degrees are part-time, online and are taught over three years. Applications are now open and programme teams are looking forward to welcoming their first students in September 2021! Read More





£8.7m collaboration seeks better route to modern medicines

An £8.7 million, five-year research collaboration led by the University of Edinburgh and FUJIFILM Diosynth Biotechnologies UK (FDB) will develop more cost-effective ways to make modern antibody-based medicines. With the support of Edinburgh Innovations, the collaboration has won Prosperity Partnership funding UK Research and Innovation.

Read More



SHIL 2021 - 2026 Strategy

Innovating Together – Scottish Health Innovations Ltd (SHIL) new five-year strategy is out now!

It details how we harness entrepreneurial talent across Scotland to accelerate impactful healthcare innovations that make a positive difference to health, social and economic outcomes; and outlines our ambitions to sit at the heart of a collaborative, entrepreneurial Scotland. Read More



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OpenAAL project / National Robotarium

Hosted by the <u>Open Ambient Assisted Living</u> (<u>OpenAAL</u>) project, part of the <u>National Robotarium at Heriot-Watt University</u>, the Robotics + Care Mashup will bring together academics, care providers and technologists to develop solutions for assisted living. Get immersed in a real product development process over the course of a week (10 -14 May 2021), with delegates from all around the country. Explore the use of emerging technology including cloud, robotics and the Internet of Things equipped with machine learning and artificial intelligence (AI) capabilities.

Read More

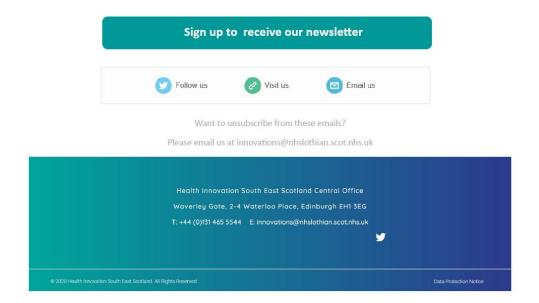


Connect with HISES

Keep up-to-date with out latest news and follow us by <u>Twitter</u>.

To feedback or submit content for our e-newsletter, email us before the last Friday of each month.

If you like our newsletter, share it with colleagues, friends or family who would benefit from knowing what is going on in the world of innovation in health and care.





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INSIGHT

https://mailchi.mp/2436cf442d05/insight-by-shil-6802366





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INSIGHT





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NHS R&D FORUM

https://mailchi.mp/rdforum.org.uk/nhs-rd-forum-april21-newsletter-1072953?e=cc883685e5



Welcome to the Forum April 2021 Newsletter

As we head into May we reflect on this month as our traditional Forum conference period. We have held some amazing annual events, in glorious sunshine and in rain. We have shared expertise, knowledge, some questionable dance moves and a lot of laughter gathering together as a professional community. From Stratford to Manchester, Celtic Manor to Brighton, many have referenced the Forum Conference to be the highlight of their year. All the knowledge from past events in the form of posters and presentations is still held on the Forum website. This coming May we invite you to ...

Reflect

- That we have done so much already together
- That we continue to show the exceptional impact of research on the UK COVD response
- That there are both challenges and opportunities ahead for research
- There is much value, strength and solution in community

Connect

- Seek out your peers and colleagues
- Listen to participants and build your teams
- Join in and help to shape the future

Until Newcastle, Thank you for all that you are doing.

Did you know?

Our four Forum <u>work themes</u> reflect most of those highlighted in the new <u>UK vision for health research delivery</u>. Our themes shape all the work of the Forum groups and express what we have agreed we would like to see as a community. These are:

- 1. Embedded research
- 2. Well-managed, quality research
- 3. A professional and valued R&D workforce
- 4. High value, inclusive and impactful research and evidence



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NHS R&D FORUM

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17-21 May 2021

Only 3 weeks to go until our week long event of short presentations designed to fit 'bite size' into the day. Over 130 people are now registered to attend. Extra speakers are now confirmed on the programme.

We will hear and talk with a range of fantastic speakers from policy through to study delivery. It will be a great opportunity to take stock and prepare, as we move into the next phase of recovery and growth.

More information and booking



11th May 2021

This new course is for Sponsors and R&D office staff, Universities, non-commercial funders, finance teams, facilitators or grant advisors who are working with researchers on their cost attribution and completion of their SoECAT for funding applications. This is an intermediate level course requiring some experience of AcoRD in practice.

More information and booking



7th June 2021

A one day in-depth master class developed to support research management teams with their processes for archiving. Taking participants through all the key requirements for managing, storing and archiving essential documents and research data, this virtual course is for anyone who has responsibility for archiving research in their organisation.

More information and booking



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NHS R&D FORUM



14th & 15th June 2021

This interactive two day course is designed for any role at all levels when new to a health care R&D department. The course might also be of interest to colleagues in industry, academia and the third sector that would like to better understand managing NHS Research or just for those who need to keep updated.

More information and booking



28th June 2021

This one-day course is designed to provide an understanding of the requirements of an NHS organisation when determining whether to take part in a particular research study as a host. Designed for staff in R&D offices responsible for assessing and confirming local capacity & capability, for sponsors of health research and researchers designing studies.

More information and booking



Two new Forum Groups this month

Forum Research Communications Group

Introducing our new group chair, Rachael Dowling. Rachael is Head of Research Communications at University Hospitals Leicester NHS Trust. Rachael has agreed to start up and chair the Research Communications Group that was initiated before the pandemic.

Find out more & join

New Forum Data and Al Group

Introducing new group chair Helen Street, Research Data Governance Lead, Cambridge University Hospitals NHS Trust. Helen would love to hear from colleagues (in R&D or aligned to R&D) whose work involves research utilising routinely collected patient data and/or Al. This is a rapidly evolving area that presents a number of new challenges.



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NHS R&D FORUM



#Red4Research day is back on Friday 18th June 2021



As part of this years #Red4Research campaign, Forum Group Chair and Founder of #Red4Research, Sally Humphreys is collating a selection of case studies to be shared in an online document for #Red4Research.

Read the full news update and submit a case study



Joint ARMA & NHS R&D Forum Event – Getting ready for the new HRA Student Research Policy

29th June 2021 (10am-1pm)

Expressions of interest are invited from across the academic and healthcare sectors to take part in discussions exploring how NHS and University partners might prepare for the new HRA Student Research Policy from 1st September 2021.

More information and booking



Managing research recovery

NIHR is working in partnership with the research funders, the devolved administrations and other stakeholders in research in a national programme to ensure targeted support enables rapid recovery of selected studies across a range of conditions and builds on the success of research and learnings during the pandemic. An outline of the process, which



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NHS R&D FORUM

replaces the Restart Framework, has been published on the NIHR website and further details have been sent to funders.

The NHS R&D Forum and colleagues in UKRD and UKAUH are a part of these conversations. <u>Feed in</u> your comments via our influencing pages.

New Chief Scientific Adviser and NIHR lead

Professor Lucy Chappell FMedSci has been appointed as the next Chief Scientific Adviser (CSA) for the Department of Health and Social Care (DHSC), following a competitive recruitment process chaired by the Civil Service Commissioner. Read full news item here

HRA update on model template agreements

The 2021 mNCA, mCTA, CRO-mCTA and Primary Care mCTAs have now been published and are available on IRAS Help. Read full news item here

NIHR Updates

- NIHR MOOCS (free online courses)
- NIHR INCLUDE online course
- Competition for Higher Education Institutions to develop new Clinician Researcher development programmes



Re-launch of all NIHR PPI Resources & Forum Guide

All NIHR PPI resources have been re-launched, including the co-applicancy guidance developed in partnership with the NHS R&D Forum service user and carers working group. Read more here

Other new resources submitted are:

- . Medical Devices SOP: Manchester University Hospitals NHS Trust
- Audit Trail Review: A key tool to ensure data integrity
- Electronic Informed Consent Implementation Guide Practical Considerations v1. March 2021
- INCLUDE Guidance and Training
- Effective teams

View the latest additions to the Resource Exchange