

**WOLFSON INSTITUTE OF POPULATION HEALTH
NEWSLETTER
ISSUE 57: 24 JUNE 2024**

In this issue of our Wolfson Institute of Population Health Newsletter, we celebrate the achievements and work of staff and students in the closing days of May and the first few weeks of June.

FROM CLAUDIA COOPER, CPMH CENTRE LEAD

Dear Colleagues

It is a pleasure to introduce this packed institute newsletter celebrating a busy few weeks! I hope, like me, you enjoy reading about the breadth and impact of WIPH research: from giving evidence to the House of Lords on fixing our 'broken food system', to international coverage of a new test able to predict dementia nine years before a clinical diagnosis.

The global reach of highlights in this issue is striking. The East London Parkinson's Disease project welcomed a delegation from Dhaka, to further their work on how Parkinson's affects people in Bangladesh. Megan Tjasink shared her work on art therapy to reduce burnout in healthcare professionals with the Italian Cultural Institute, while Jennifer Lau gave a keynote about loneliness at the Hikikomori Research Workshop in Japan. CCSPED led sessions at the Cancer Research UK Early Diagnosis Conference, and other research explored topics from polypharmacy and asthma self-management, to the care of people with multiple long term conditions.

We celebrated this and other work on 18 June at our very well attended showcase - a hugely enjoyable day, and the sun came out for the BBQ too! It was an opportunity to look together at our cross-cutting themes, including PPIE - such a key element of all our work, as highlighted by Cherrelle Salmon (PPIE coordinator in the CEM) in this month's profile.

Final mention is for the fabulous triple inaugural - Congratulations to Rohini, Beth and Jianhua, for their fascinating, moving and inspiring talks!

With best wishes

Claudia



MEET WIPH

MEET - CHERRELLE SALMON (Centre for Evaluation and Methods)

How would you describe your roles and responsibilities?

I joined the Barts Clinical Trials Unit (BCTU) in November 2023 as the Patient and Public Involvement and Engagement (PPIE) Coordinator. My primary responsibility is to ensure that a high standard of PPIE is embedded in our trials and projects, with active support from patient groups and the public. I provide PPIE support to staff, offering tools and resources, and co-facilitating trial-specific public contributor sessions. Our goal is to ensure that our research reflects the diversity of the local community by involving a broad range of participants throughout the process.

What has been your greatest professional achievement?

In a previous role working as an engagement manager on a project for the NHS Clinical Commissioning Group in Newham, I established a borough-wide Patient Participation Group network - a collaborative group of patients, GP practice and commissioning group staff. The network was a platform for patients to influence local commissioning group decisions, acting as a collective voice for patients and the public across Newham. Patient group members took on lead roles in the network, which progressed to become a self-sustaining entity.

What aspects of your role do you enjoy the most?

I enjoy collaborating with colleagues, including the WIPH PPIE Working Group, which is developing an online PPIE section on the WIPH staff zone, providing

standardised tools and resources for PPIE activities. Supporting innovative trials and learning from the dedicated trials teams and patient contributors is incredibly rewarding. I value building relationships and networking with local communities, partners, and organisations, and engaging in the vibrant activities across the university and community.

What would be your second choice as a profession?

I would own a bakery. I have a passion for baking, particularly sweet treats, and enjoy experimenting with flavours. Visiting bakeries inspires my creations (Buns from Home, known for their sourdough buns, is a favourite of mine!)

What do you enjoy doing outside work?

As above, I love baking and exploring new bakeries. I also enjoy photography, especially street and portrait photography, and I am currently exploring food photography. I enjoy attending music, film, art, and food festivals (Wonderfruit in Thailand is one of my favourites). I love travelling, and have a deep appreciation for Turkey (where my partner is from). Having the opportunity to spend time with him, his family and friends, experiencing Turkey from a local perspective, has shown me its diverse offerings, from city breaks to beach holidays and even ski slopes!

Something most people don't know about you?

I was a spoken word performer in a project campaigning to end violence against women and girls. As part of the project, I had written a poem that was published in a poetry anthology "These Are Our Friends," and I had the privilege of performing my work both nationally and internationally. My contributions were recognised in a personal thank-you letter from MP Baroness Lynne Featherstone, the former Parliamentary Under-Sec. of State for the Department for International Development.



GENERAL INSTITUTE NEWS

House of Lords Food Diet and Obesity Select Committee evidence

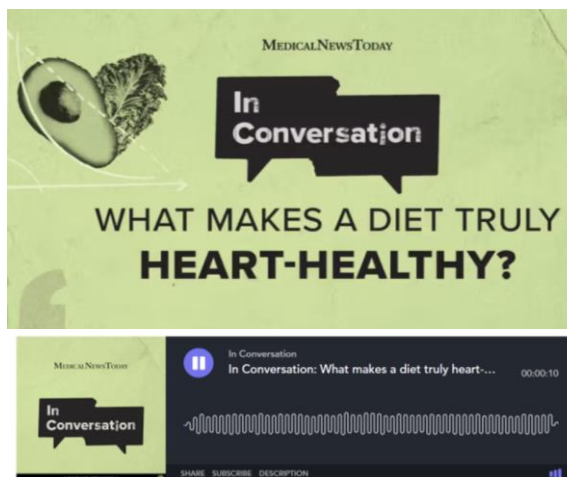
29 May (Consensus Action on Salt, Sugar and Health Team. Centre for Public Health and Policy)

Evidence submitted to the House of Lords Food, Diet and Obesity Select Committee from the Research and Action on Salt and Obesity team has been published on the government website. The submission calls for strong policies to improve the food system, including fiscal measures, mandatory reformulation programmes, guidelines for baby foods and drinks, and front of pack nutrition labelling. The team also say that regulation is required to level the playing field between retail and out of home sectors. They conclude that the broken food system is having a huge impact on population health and the NHS, and that government action is needed to implement regulations and initiatives to ensure healthier options are available to all.



What makes a diet truly heart-healthy?

30 May (Lola Oyeboode. Centre for Public Health and Policy)

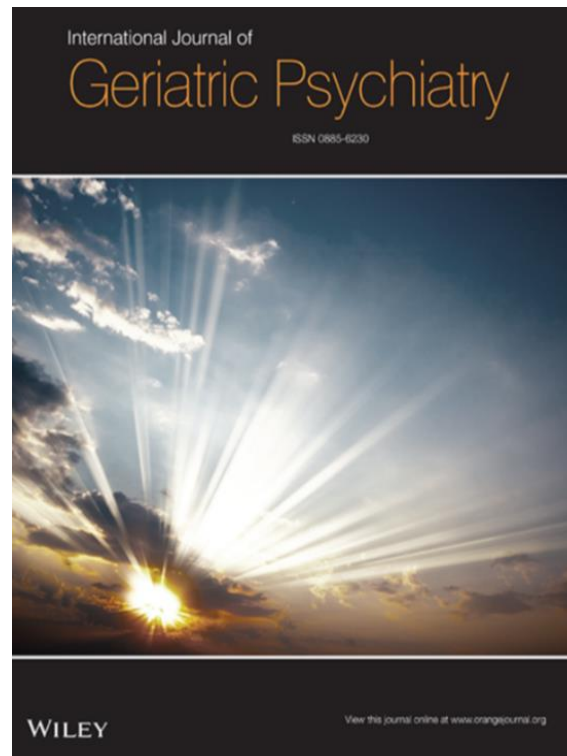


In an episode of the Medical News Today *In Conversation* podcast, Lola Oyeboode discusses *What makes a diet truly healthy?* Diet is one of the greatest risk factors for heart disease, and in this podcast Lola discusses recent findings from two studies, the first about plant based diets, and the second about salt consumption. Lola's work includes study of behavioural risk factors for noncommunicable diseases, particularly diet, as well as issues affecting the health of marginalized populations.

Attitudes to long-term care in India

31 May (Sweedal Alberts, Abinaya Nadarajah, Claudia Cooper, Jessica Budgett, Amaani Ahmed. Centre for Psychiatry and Mental Health)

Exploring attitudes to long term care (LTC) in India, a mixed methods secondary analysis of qualitative data finds that intergenerational community care, combined with limited availability and societal stigma, contribute to low rates of LTC use. The study identifies 3 themes: LTC as a last resort if care at home was 'impossible' due to the person's medical condition or unavailability of the family carer, Social expectations of care at home from family members and paid carers, and Limited availability of LTC facilities in India, especially in rural localities, and the financial barriers to their use. Authors conclude that future social policies should consider how to plan for greater equity in strengthening care at home and in the community, and bolstering respite and LTC services as a last resort.



'Troubling' medication reviews in the context of polypharmacy and ageing

31 May (Sarah Pocknell, Nina Fudge, Deborah Swinglehurst. Centre for Primary Care)

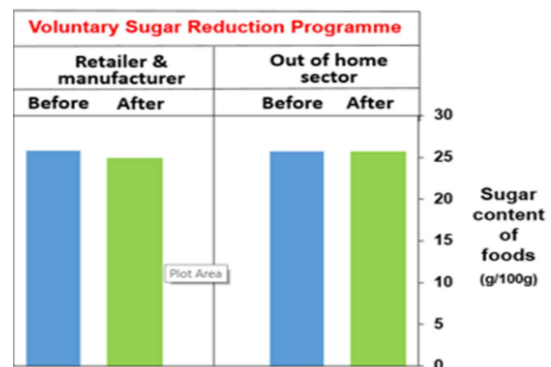
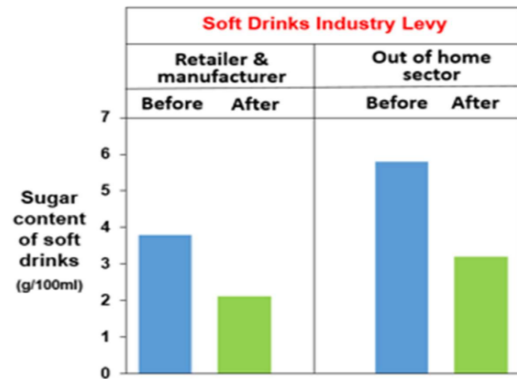


Polypharmacy (using 5+ medicines) can present risks of harm among older people, but little is known about how it is addressed in medication reviews. To explore what these consultations accomplish, researchers studied videos of appointments with patients (aged ≥ 65 and prescribed 10+ medications) from 3 general practices in England. Consultations were time-consuming and involved lengthy stretches of interactional trouble (eg: non-understandings, misunderstandings, misalignments) that revealed profound uncertainties about the effectiveness of medicines in the context of multimorbidity and polypharmacy. Reaching agreement on *which medicine is under review* and what it is for was difficult, and while patients' existential concerns were witnessed, they tended to remain unresolved.

Outcomes of UK sugar reduction policies

1 June (Kawther Hashem, Hattie Burt, Mhairi Brown, Graham MacGregor. Centre for Public Health and Policy)

An evaluation of the soft drinks industry levy (SDIL) and the sugar reduction programme, two policies implemented by the UK government over the last decade to reduce sugar intake, finds mixed success. The SDIL reduced total sugar sales by 34.3%, but the voluntary reduction programme achieved only a 3.5% reduction in sugar levels of key contributors to sugar intake (despite a target of 20%). Researchers say policies can be improved, by increasing the levy and reducing the sugar content threshold in the SDIL, and by setting more stringent subcategory specific targets in the sugar reduction programme. They recommend that policy-makers consider applying a similar levy to other discretionary products that are key contributors to sugar intake. This paper was covered by the Guardian.



Art as a Tool for Wellbeing and for Education in Medicine

1 June (Megan Tjasink. Centre for Psychiatry and Mental Health)



At an interdisciplinary event organised by the Italian Medical Society of Great Britain, and held at the Italian Cultural Institute in London, Megan Tjasink presented a talk entitled 'Art therapy to mitigate burnout and psychological distress in hospital clinicians'. The event focused on Art as a tool for wellbeing and for education in Medicine, and brought together researchers from across a range of disciplines to discuss the application of the arts and arts therapies in medicine.

Risk-adapted screening for women at low breast cancer risk

3 June (Suzanne Scott, Jo Waller. Centre for Cancer Screening, Prevention and Early Diagnosis)

To determine whether risk stratified screening, with less screening for women at low risk of breast cancer, may be acceptable to UK women, researchers conducted an online choice experiment with different and varied start and end ages, screening intervals, risk of dying and risk of overdiagnosis. The 502 women aged 40-70 who

participated were given 8 choice sets, and asked to choose between 2 screening alternatives or no screening. Results show that all screening programmes were preferred over no screening. Older screening starting age and younger end age, longer intervals between screening, and increased risk of dying had negative impacts on support for screening programme options. Authors conclude that low risk screening pathways run counter to women’s screening preferences and values, and longer screening intervals may be preferable to later start age.

In order to improve the balance of screening benefits and harms, please imagine that women with a **low risk** of developing breast cancer in their lifetime are being advised to have **less frequent** breast screening over a **shorter period of time**. If these were the **only** options, which **ONE** of these screening programmes do you think would be the best option for women categorised as low risk?

	Screening Option A	Screening Option B	No screening
Screening frequency	Every 5 years	Every 7 years	No screening
Age when breast screening will start?	50 years old	50 years old	No start age
Age when breast screening will stop?	70 years old	70 years old	No stop age
Risk of screening picking up a breast cancer that would never have caused harm (over-detection) ¹	10 out of 1000 women screened	5 out of 1000 women screened	0 out of 1000 women
Risk of dying from breast cancer ¹	24 women out of 1000	26 women out of 1000	27 women out of 1000

Option A Option B No screening

QMUL Peopling the Palace Festival

3/4 June (Heather McMullen. Centre for Public Health and Policy)

As part of the 10th annual QMUL Peopling the Palace Festival at Mile End, Heather McMullen was a guest at a Long Table discussion on 'Sex and Health as part of the Diverse Bodies: Sex, Menopause and More', and conducted a Q&A on 'Climate Change and Reproductive Justice' on the Earth Crisis and Climate Hope day. The week of celebration included conferences, workshops, performances, exhibitions and conversations on topics such as Diverse Bodies & Sexual Health, Climate Crisis & Hope, Alternative Pedagogies, Legacies & Lineages in the Humanities, Art & Mental Health, and Live Art.

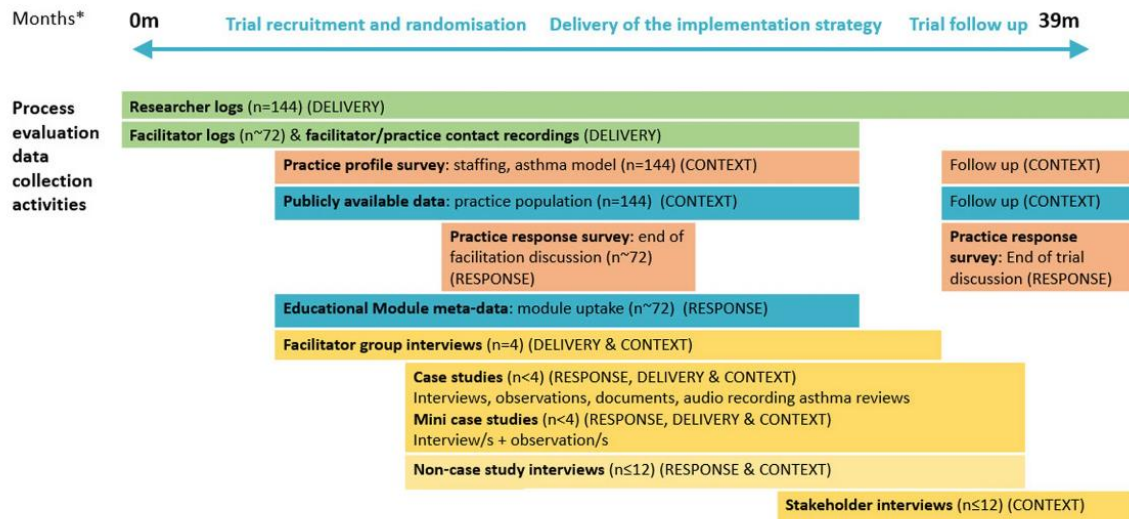


Study protocol for a process evaluation nested in the IMP²ART trial

4 June (Liz Steed, Atena Barat, Steph Taylor. Centre for Primary Care)

The protocol for a mixed methods process evaluation, nested within the IMPLementing IMProved Asthma self-management as RouTine (IMP2Art) trial, describes the aim to examine how supported self-management was (or was not) implemented by primary care practices, to aid interpretation of trial findings and to inform scaling up and sustainability. The process evaluation will provide insights into

the delivery and response to a whole-systems approach to the implementation of supported self-management in asthma care in primary care. Authors note that this comes at a time of significant change in UK primary care, and that the methods have been developed to be adaptable to this changing context and to capture the impact of these changes on the delivery and response to research and implementation processes.



IMP2ART process evaluation data collection timeline. *Months refer to IMP2ART trial duration. All practices will participate in the trial for 24 months. Practices assigned to the implementation arm will receive 12 months of active facilitation and 12 months of follow-up

Cancer Research UK Early Diagnosis Conference 2024

4-5 June (Fiona Walter, Suzanne Scott, Jo Waller, Georgia Black, Garth Funston, Yin Zhou, Joy Li, Soumya Arun, Stefanie Bonfield, Mel Ramasawmy, Christina Derksen, Tyler Saunders, Laura Marlow. Centre for Cancer Screening, Prevention and Early Diagnosis)

A sizeable team from the CCSPED delivered presentations and participated in panel discussions at the CRUK conference in Birmingham. Presentations included (among others) ‘Advice after urgent suspected cancer referral when cancer is not found: what do patients want and what do they receive?’ (Suzanne Scott), ‘Attitudes to self-sampling as a choice in future cervical screening’ (Jo Waller), ‘The diagnostic performance of PSA for the detection of prostate cancer in primary care: a population-based cohort study’ (Garth Funston), ‘Understanding symptom contribution to sex inequality in bladder and renal cancer stage at diagnosis’ (Yin Zhou), and ‘Estimating the effect of screen detection on colorectal cancer survival correcting for time bias: a result from the Netherlands National Colorectal Cancer Screening’ (Joy Li). Members of the team also chaired and participated in multiple workshops and panel discussions, and presented a range of posters.



East London Parkinson's Involvement and Engagement Event

5 June (Alastair Noyce, Alex Zirra, Ellen Camboe, Laura Smith, Sumit Dey, and the East London Parkinson's Disease Project team. Centre for Preventive Neurology)

A participant involvement day, held for patients, families, funders and researchers involved in the East London Parkinson's Disease project, provided an update on research and an opportunity to discuss future opportunities. Over 70 participants attended, including colleagues from Dhaka, who are working with the project team to help understand how Parkinson's affects people in Bangladesh. Researchers will use comments and experiences shared during discussions to help them involve more people in this important research.



QMUL Impact Accelerator Award

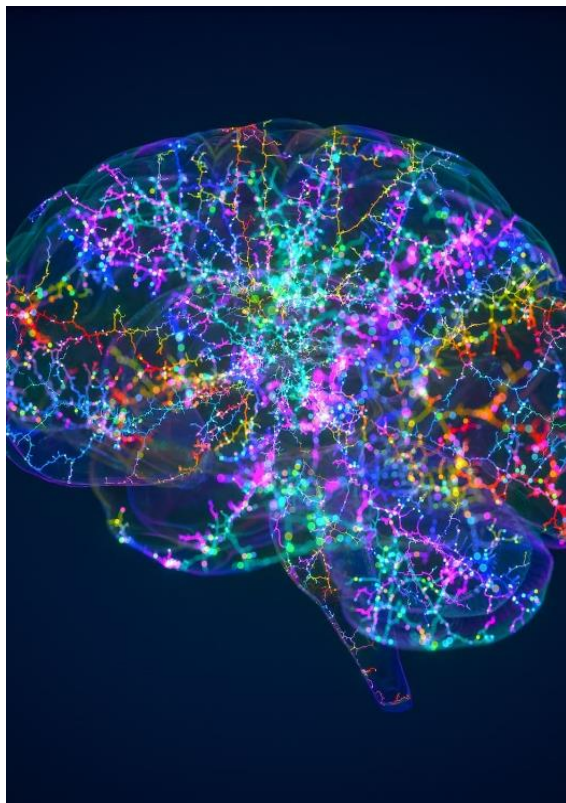
5 June (Deborah Swinglehurst, Nina Fudge, Alison Thomson. Centres for Primary Care/Preventive Neurology)

A WIPH team has secured £50K in the QMUL Impact Accelerator Awards to implement and evaluate 'Let's Talk *Differently* about Medicines', a collection of 7 fictional storybooks with discussion points, based on the findings of the APOLLO-MM study. Deborah, Nina and Alison will work with collaborating partner Care City (a Community interest Company and innovation centre for healthy ageing) to implement and evaluate this resource in the context of community based story-sharing workshops with older people in NE London.



New test predicts dementia up to 9 years before clinical diagnosis

6 June (Sam Ereira, Sheena Waters, Charlie Marshall. Centre for Preventive Neurology)



A new test is able to predict dementia up to 9yrs before a clinical diagnosis, with >80% accuracy. The WIPH team developed the test by analysing functional MRI scans from over 1,100 UK Biobank volunteers, to detect changes in the brain's Default Mode Network. They assigned each patient a probability of dementia value, based on the extent to which their effective connectivity pattern conformed to a pattern that indicates dementia or a control-like pattern, and compared these predictions with the recorded UK Biobank medical data for each patient. Authors say they hope this measure of brain function will allow much more precise prediction of whether someone will develop dementia, and how soon, to determine whether they might benefit from future treatments. This study was widely covered in international media.

WIPH Graduate Studies Day

6 June

Our postgraduate research (PGR) students from across the institute gathered at Charterhouse Square to participate in the annual WIPH Graduate Studies Day on 6 June. In the morning session they took part in workshops on how to improve the PGR student experience and on building the WIPH PGR community, and in the

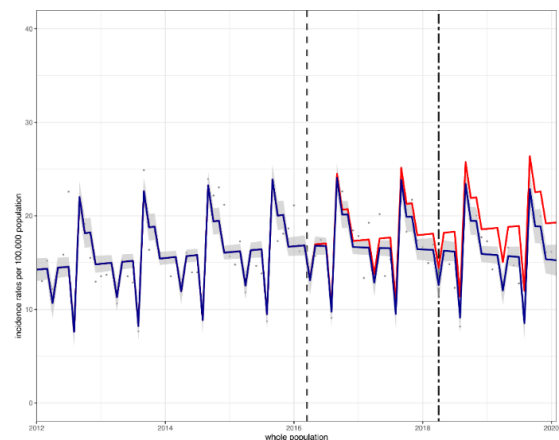
afternoon they presented their research. Ellen Camboe, Imogen Collier (both CPN), and Megan Tjasink (CPMH) were selected to repeat their presentations at the WIPH Showcase. The day concluded with a talk from guest speaker, Bec Evans, a writer and coach, who provided advice on how to build that all important writing habit.



The UK Soft Drinks Industry Levy and childhood asthma hospital admissions

10 June (Seif Shaheen. Centre for Preventive Neurology)

To investigate whether sugar sweetened beverage consumption is a risk factor for childhood asthma, researchers examine the effect of the introduction in 2018 of the UK Soft Drinks Industry Levy (SDIL) on NHS hospital admission rates for childhood asthma. Results show that between 2012-2020 admissions reduced by 20.9%, with reductions similar across deprivation quintiles. Authors say that their findings support the concept that implementation of a UK tax intended to reduce childhood obesity may have contributed to a significant unexpected and additional asthma.



Dark blue points = observed data. Dark blue lines (+grey shadows) show modelled data (&95% CI) of incidence. Red line = the counterfactual line based on the pre-SDIL announcement trajectory. Dashed vertical lines: dates of SDIL announcement & implementation.

Hikikomori Research Workshop, Japan

10 June (Jennifer Lau. Centre for Psychiatry and Mental Health)

Jennifer Lau delivered a special lecture entitled ‘Loneliness and social withdrawal: data from young people’ at the Hikikomori research workshop held at Kyushu University in Fukuoka, Japan. Hikikomori is a form of pathological social withdrawal that has been highlighted in Japan since the 1990s. Workshop participants discussed types of interventions, and the potential of new technologies, such as AI, to address Hikikomori.



Preparing for a world where Alzheimer's disease is treatable

11 June (Ruth Dobson, Claudia Cooper, Charles Marshall. Centres for Preventive Neurology/Psychiatry and Mental Health)

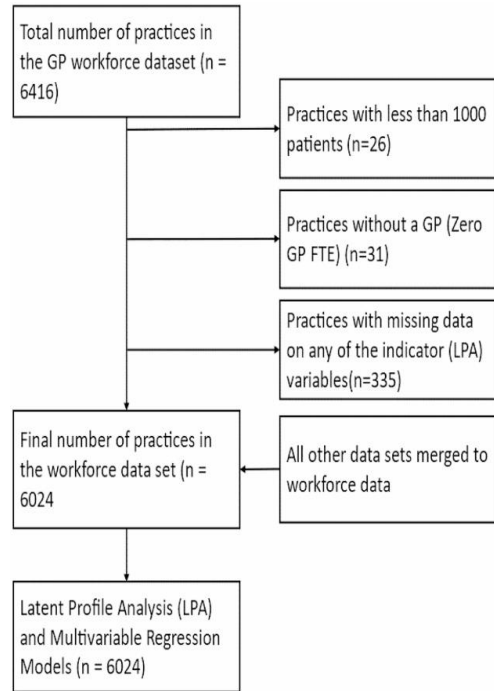


Healthcare services need to change to ensure equitable patient access to new drugs with the potential to alter the course of Alzheimer's disease. Results from a study of over 1000 people attending either community memory clinics or specialist cognitive services in England show that 32% of patients attending memory clinics and 14% of those attending specialist cognitive services would be likely to be referred for consideration for the new modifying anti-amyloid therapies drugs, which are expected to be available this year. Amyloid biomarker tests (PET scans and spinal fluid tests) were available for people attending specialist cognitive services, but to <1% of those attending memory clinics. Researchers say that delivery of the new treatments will require key changes to existing dementia services, highlighting an immediate need for biomarker testing to ensure that the right patients can be identified for these treatments. This research was widely covered in the media, including The Times, Independent and Telegraph.

Effect of list size and workforce composition in English general practice

11 June (Alfred Kayira, Helena Painter, Rohini Mathur, John Ford. Centre for Primary Care)

To assess the effect of English general practice list size and workforce composition on clinical outcomes and patient experience, researchers grouped 6024 practices into 3 categories: 4494 Small GP-reliant practices, 1400 Medium-size GP-led practices with multidisciplinary team input, and 131 Large multidisciplinary practices. Results showed that small GP-reliant practices provided better patient reported access, continuity of care, experience and satisfaction with care, and large multidisciplinary practices had higher cancer detection rates than small practices. Authors recommend that efforts should be made to preserve good patient experience across all practice sizes.



Lincolnshire Cancer Summit 2024

12 June (Lucy Mitchinson. Centre for Cancer Screening, Prevention and Early Diagnosis)



A series of workshops were held by Lucy Mitchinson at the Lincolnshire Cancer Summit, aiming to gather stakeholder input into a tool being developed to increase engagement and improve experience among patients on the lung cancer treatment pathway. The project is a collaboration with the Lincoln International Institute for Rural Health, comparing patients in rural and coastal parts of Lincolnshire with the urban population of NE London.

Feasibility trial: LUNA multi-level language treatment for people with aphasia

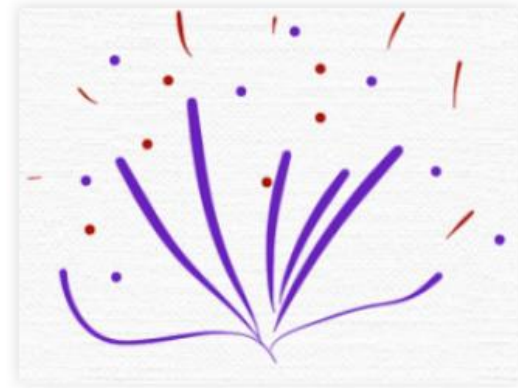
14 June (Rachel Barnard. Centre for Primary Care)

A proof of concept feasibility trial of a personalised multi-level language treatment (LUNA) for people with aphasia finds that a large-scale evaluation of clinical efficacy and cost-effectiveness is warranted. The LUNA treatment, targeting words, sentences and discourse macrostructure in personal stories was delivered remotely via twice weekly zoom meetings for 10

LUNA

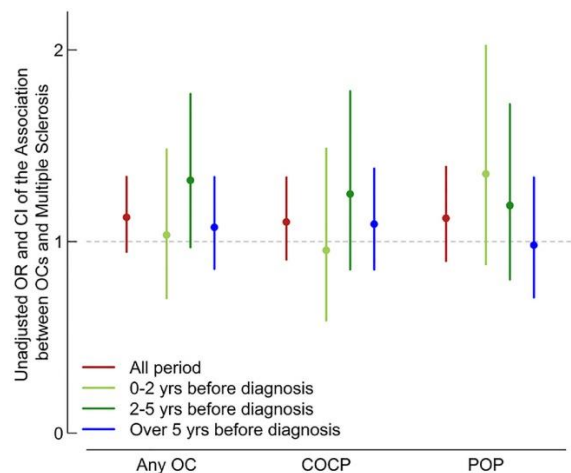
Language Underpins Narrative in Aphasia

weeks to participants with chronic aphasia. Results showed that 85% of those eligible consented to the trial, trial retention was 86%, 87% of treatment sessions were delivered as scheduled, and 79% of participants completed 80%+ of the treatment programme.



No association between oral contraceptive exposure and subsequent MS

14 June (Qiqi Zhang, Alastair Noyce, John Robson, Charles Marshall, Ruth Dobson. Centres for Preventive Neurology/Primary Care)



To explore whether there is any association between oral contraceptive exposure and subsequent Multiple Sclerosis in females, researchers conducting a new population-based study examined electronic primary care data for 891 cases and 3564 controls. The study found no association between oral contraceptive exposure and subsequent MS, or between any contraceptive, combined oral or progesterone-only pill use 0-2, 2-5 or >5 years prior to MS.

Behaviour change interventions for people with multiple long-term conditions

16 June (Megan Armstrong, Jamie Ross, Steph Taylor. Centre for Psychiatry and Mental Health/Primary Care)

A systematic review of RCTs evaluating the effectiveness of behaviour change interventions for people with multiple long term conditions (MLTCs) finds that complex interventions can be successfully delivered to these patients. Emotional well-being and psychological distress (depression and anxiety) outcomes were most amenable to change, particularly for interventions with a collaborative care approach. Interventions targeting those with a physical and mental health condition, and those with a cognitive and/or behavioural activation approach saw larger reductions in psychological distress outcomes. Interventions that lasted for longer than 6 months significantly improved the widest variety of outcomes.

BMJ Journals
BMJ Open

Rehabilitation services for young-onset dementia

17 June (Claudia Cooper. Centre for Psychiatry and Mental Health)



International Journal of
***Environmental Research
and Public Health***

Promoting the development of rehabilitation services for young onset dementia (YOD), an international group of multidisciplinary dementia specialist authors provides a synthesis of knowledge on current evidence-based rehabilitative therapies, discusses the characteristics of rehabilitation services across 3 continents, and highlights the potential of telehealth in making rehabilitation services more accessible for people with YOD. The authors encourage clinical leads to begin introducing at least some rehabilitation into their services, leveraging existing resources and finding support in the collective expertise of the broader multidisciplinary dementia professional community.

WIPH Showcase 2024

18 June (All centres)

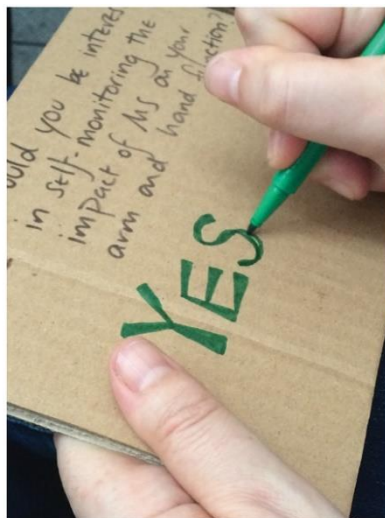
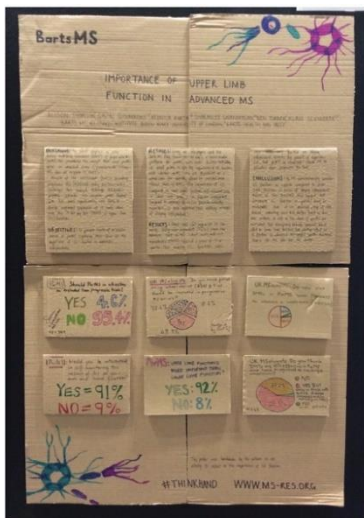
Over 200 staff attended our 3rd annual showcase event at the Derek Willoughby theatre in Charterhouse Square. The day started with an introduction from our Director, who gave an overview of our successes and progress over the past 3 yrs.

Each centre presented their research and teaching highlights, selected post-graduates and new Fellowship holders spoke about their work, and talks were delivered on Health Equity and Inequalities, Applied Social Science in Health, Public Advisory Panel, and Health Data Science. Following an update from our Education team, the WIPH Awards ceremony was held, celebrating the achievements of our staff. The day concluded with a convivial BBQ on the Charterhouse Lawns.



The ThinkHand campaign on the importance of upper limb function in MS
 18 June (Alison Thomson. Centre for Preventive Neurology)

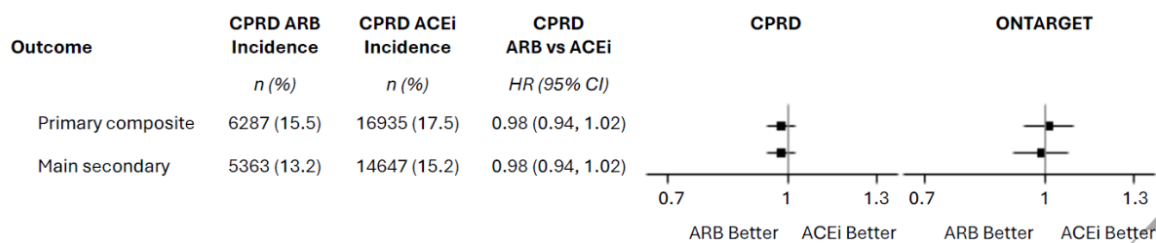
The ThinkHand campaign was created in 2016 to raise awareness of the importance of hand and arm function for people with Multiple Sclerosis (pwMS), and to find better ways to measure changes in these functions to use as outcomes in clinical trials. Using surveys, social media, exhibitions and music to involve pwMS, healthcare professionals, charities, and researchers in discussions about the issues, tools were created to support pwMS, particularly those at an advanced stage of the disease, to take part in research and measure their hand and arm function. The collaborative approach focusing on patients’ perspectives produced valuable lessons for health research. Researchers reflect that the campaign showed how embracing a patient-centred approach can address complex research challenges and improve how MS and other conditions are studied.



Generalisability of the ONTARGET CVD prevention results

18 June (Paris Baptiste. Centre for Primary Care)

Using trial emulation on routine care data, researchers examine whether the results from the ONTARGET trial of angiotensin-converting enzyme inhibitors (ACEi) and angiotensin receptor blockers (ARB) are generalizable in 3 trial-underrepresented groups: females, people aged ≥ 75 , and people with chronic kidney disease (CKD). In data on people prescribed an ACEi/ARB in the UK Clinical Practice Research Datalink GOLD, the research showed similar effects to the ONTARGET results, with both ACEis and ARBs preventing cardiovascular disease. In the trial-underrepresented group, similar treatment effects were observed, by sex, age and CKD. Authors conclude that the ONTARGET trial findings are generalisable to trial-underrepresented subgroups.



Historic Triple Inaugural Lecture Event

19 June (Beth Stuart, Rohini Mathur, Jianhua Wu. Centres for Evaluation and Methods/Primary Care)



In a one of a kind Triple event held in the Willoughby Lecture theatre on 19 June, Professors Beth Stuart, Rohini Mathur and Jianhua Wu presented their inaugural QMUL lectures. Beth's lecture was entitled *There is no 'I' in 'team'...but there is a 'me' if you look for it: reflections on clinical trials and community*, Rohini spoke on *Using Health Data to Fight Health Inequality: Improving Care for Diverse Communities*, and Jianhua discussed *Unravelling the Tapestry of Health Data: Illuminating Pathways to Transformative Healthcare*. The event concluded with a celebratory reception in The Shield.

Genomic newborn screening for rare diseases

19 June (James Buchanan. Centre for Evaluation and Methods)

Exploring the benefits, harms and costs of genomic newborn screening for rare diseases, a commentary article notes that carefully designed, large-scale, prospective research studies are required to generate the data needed for rigorous evaluation. Concerns have been raised that prospective genomic newborn screening research studies underway internationally may lead to implementation in the absence of robust evidence. Authors argue that these studies are necessary to inform policy, comprehensive evaluation of screening outcomes, and the health economic, ethical, psychosocial and implementation issues raised by the technology. Given the extremely low frequency of many rare conditions, studies need to be scaled to hundreds of thousands of newborns.



Clean Air Day

20 June (Martin Sharp, Rosamund Dove, Jessica Mitchell, Helen Wood and the CHILL team. Centre for Primary Care)

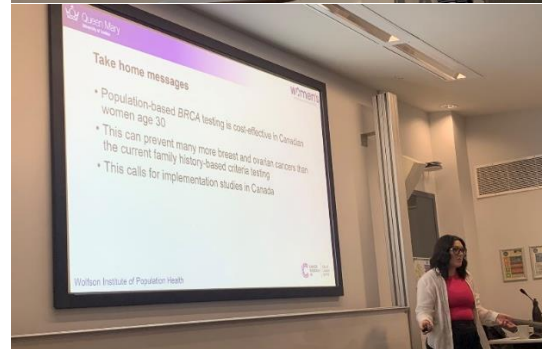
To mark National Clean Air Day, the WIPH CHILL team joined with local community groups to raise awareness about air quality and pollution in East London. The team hosted a stall at the Royal London Hospital, providing information from the CHILL study, which has been monitoring child health in the ULEZ. Other displays focusing on local air quality and pollution were provided by Tower Hamlets Borough, and the Knitting Air collective of East London community knitters, who presented the 6 completed sections of their unique visualisation of traffic pollution data.



Cross-disciplinary approach to Cancer Early Detection and Prevention

20 June (Suzanne Scott, Caitlin Fierheller, Laura Marlow. Centre for Cancer Screening, Prevention and Early Diagnosis)

Three CCSPED researchers delivered presentations at the CRUK, City of London, and UCL ACED Centre jointly sponsored 'Cross-disciplinary approach to Cancer Early Detection and Prevention' symposium held at UCL. The symposium featured the latest interdisciplinary research on early cancer detection and prevention. Suzanne Scott discussed the future risk of cancer after urgent suspected cancer referral, Caitlin Fierheller gave a short talk on 'An economic evaluation of population-based BRCA1 and BRCA2 genetic testing in Canada', and Laura Marlow presented the findings of her research on attitudes to blood-based multi-cancer early detection (MCED) screening in England.



Many thanks to all who so enthusiastically contribute. Please send any news items for the next newsletter to j.a.mackie@qmul.ac.uk