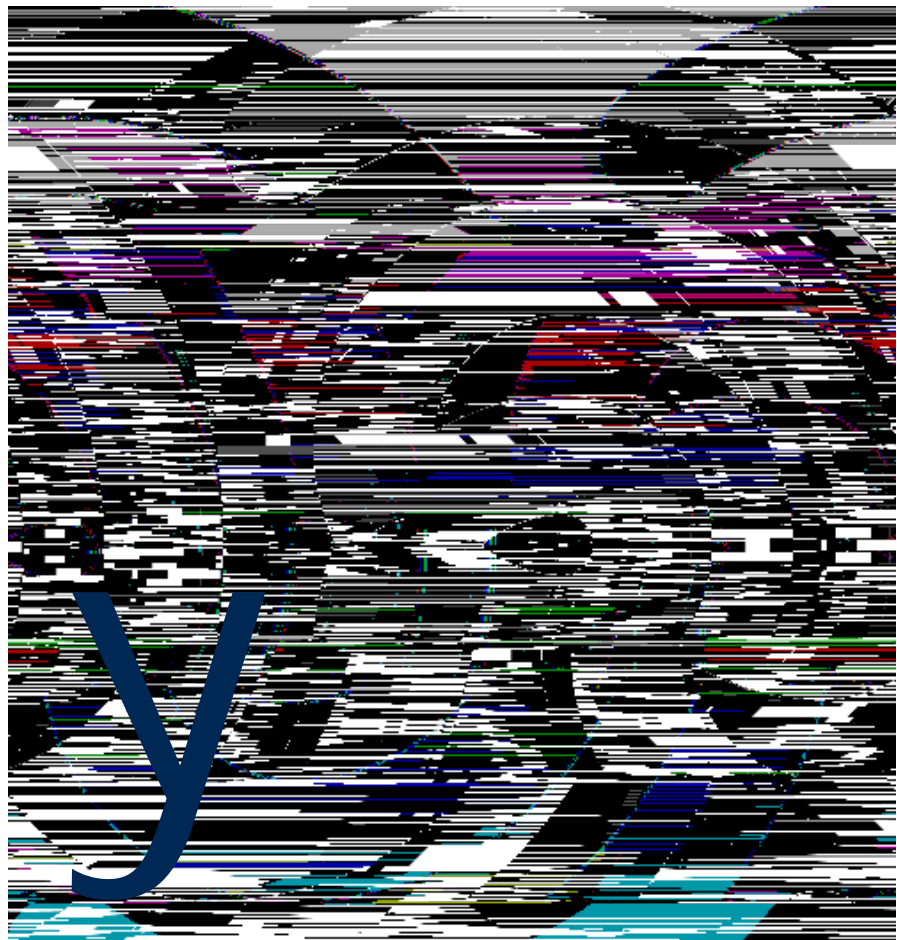


# ENTRE FOR EHR

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## 2022 HIGHLIGHTS



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## Complex Urban Systems for Sustainability and Health (CUSSH)

Funder: Wellcome Trust

Duration: 69 months (02/2018 – 10/2023)

CBC Lead: Professor Susan Michie

Targeting multiple levels of 'the smoking cessation system' using novel scientific approaches

Funder: Cancer Research UK

Duration: 36 months (04/2022 – 03/2027)

CBC Lead: Professor Susan Michie

UCL Leads: Professors Jamie Brown and Lion Shahab





# PEER-REVIEWED PUBLICATIONS

## COVID-19 Pandemic

Byrne T, Patel P, Shrotri M, Beale S, Michie S, Butt J, Hawkins N, Hardelid P, Rodger A, Aryee A, Braithwaite I. Trends, patterns and psychological influences on COVID-19 vaccination intention: Findings from a large prospective community cohort study in England and Wales (Virus Watch). *Vaccine*. 2021 Nov 26;39 (48): 7108-16. doi: 10.1016/j.vaccine.2021.09.066.

Ghio D, Lawes-Wickwar S, Tang MY, Epton T, Howlett N, Jenkinson E, Stanescu S, Westbrook J, Kassianos AP, Watson D, Sutherland L, Stanulewicz N, Guest E, Scanlan D, Carr N, Chater AM, Hinton M, Smith S, Hild CR, Armstrong ST, De Luca Armitage J. Influenza's impact on COVID-19 in the United Kingdom: A large-scale, multi-centre, longitudinal study. *PLoS One*. 2021 Nov 26;16(11):e0242000. doi: 10.1371/journal.pone.0242000.





## Healthcare settings and practice

Akter S, Forbes G, Miller S, Galadanci H, Qureshi Z, Fawcus S, Justus Hofmeyr G, Moran N, Singata-Madliki M, Amole TG, Gwako G. Detection and management of postpartum haemorrhage: Qualitative evidence on healthcare providers' knowledge and practices in Kenya, Nigeria, and South Africa. *Frontiers in Global Women's Health*. 2022 Nov 18;3.

Passey ME, Adams C, Paul C, Atkins L, Longman JM. Improving implementation of smoking cessation guidelines in pregnancy care: development of an intervention to address system, maternity service leader and clinician factors. *Implementation science communications*. 2021 Dec;2(1):1-8.

Prothero L, Lawrenson JG, Cartwright M, Crosby-Nwaobi R, Burr JM, Gardner P, Anderson J, Presseau J, Ivers N, Grimshaw JM, Lorençatto F. Barriers and enablers to diabetic eye screening attendance: An interview study with young adults with type 1 diabetes. *Diabetic Medicine*. 2022 Mar;39(3):e14751.

Stanton-Fay SH, Hamilton K, Chadwick PM, Lorençatto F, Gianfrancesco C, de Zoysa N, Coates E, Cooke D, McBain H, Heller SR, Michie S. The DAFNE plus programme for sustained type 1 diabetes self management: Intervention development using the Behaviour Change Wheel. *Diabetic Medicine*. 2021 May;38(5):e14548.

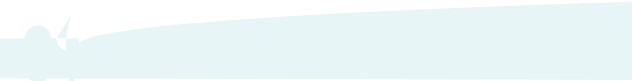
Stuart G, D'Lima D. Perceived barriers and facilitators to attendance for cervical cancer screening in EU member states: a systematic review and synthesis using the Theoretical Domains Framework. *Psychology & Health*. 2022 Mar 4;37(3):279-330.

## Mental health and wellbeing

Chater AM, Howlett N, Shorter GW, Zakrzewski-Fruer JK, Williams J. Reflections on Experiencing Parental Bereavement as a Young Person: A Retrospective Qualitative Study. *International Journal of Environmental Research and Public Health*. 2022 Feb 13;19(4):2083.

Chater AM, Schulz J, Jones A, Burke A, Carr S, Kukucska D, Troop NA, Trivedi D, Howlett N. Outcome evaluation of Active Herts: A community-based physical activity programme for inactive adults at risk of cardiovascular disease and/or low mental wellbeing. *Frontiers in Public Health*. 2022 10:903109. doi: 10.3389/fpubh.2022.903109.

Richiello MG, Mawdsley G, Gutman LM.



# Outreach

CBC Online Conference 2021

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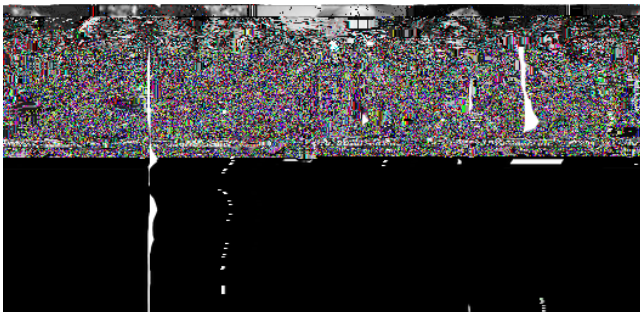


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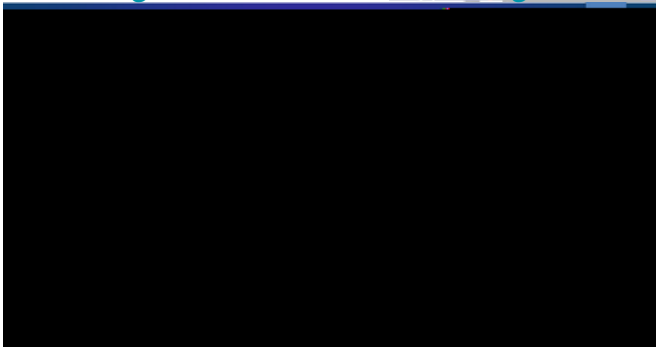
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Independent SAGE: Professor Susan Michie



COVID-19 Behavioural Science and Disease Prevention Taskforce (BSDPT) for the British Psychological Society: Professor Angel Chara



new methodological Template for Rapid Iterative Consensus of Experts entitled TRICE.

Environment and Behaviour Hub



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group  
WWF-UK's 'Eat4Change' programme

ExCiteS



# SELECTED CONSULTANCY PROJECTS

## TICTRAC

CBC's digital health consultants have worked with Tictrac to strengthen the behavioural science aspects of their employee health and wellbeing mobile app, particularly focusing on their stress reduction programme. The project involved co-designing an evaluation and monitoring framework that Tictrac can use to optimise its app and evaluate its impact on health behaviours and health and wellbeing outcomes.

## College of Policing

This consultancy, led by Dr Paul Chadwick and Dr Esther Flanagan, helped to develop staff programmes of work to address the many challenges facing the delivery of high-quality policing.

## East Sussex County Council

Behavioural skills training sessions and regular mentoring are being provided as part of a capacity-building programme for East Sussex County Council staff involved in public health and adult social care to embed new ways of working into the organisation. Led by Dr Esther Flanagan, Dr Jorina von Zimmermann, and Dr ÉannaÓ Hanrachaigh.

# DATES FOR YOUR DIARY 2023/24

- **8 March-May 2023:** The Human Behaviour-Change Project Webinar Series.
  - 8 March: What is the Human Behaviour-Change Project? Part 1
  - 15 March: What is the Human Behaviour-Change Project? Part 2
  - 23 March: In conversation: The need for the Human Behaviour-Change Project Part 1
  - 29 March: In conversation: The need for the Human Behaviour-Change Project Part 2
  - 5 April: What are ontologies and what can they be used for?
  - 12 April: Introducing the Behaviour Change Intervention Ontology
  - 19 April: Tools for using the Behaviour Change Intervention Ontology
  - 26 April: Finding and extracting evidence
  - 3 May: Predicting outcomes of behaviour change interventions
  - 10 May: Exploring trust in Artificial Intelligence
  - 31 May: Next steps for the AI-Behavioural science collaboration
- **8 May 2023:** Behaviour Change Interventions: Introductory Principles and Practice online training.
- **2 July 2023:** Behaviour Change Interventions: Introductory Principles and Practice online training.
- **18-22 September 2023:** International Training Programme: Intermediate 5-day course.
- **3 October 2023:** Behaviour Change Interventions: Introductory Principles and Practice online training.
- **October/November 2023:** International Training Programme: Advanced Modules.
- **14-16 February 2024:** 9th CBC International Conference.

