

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

20/11/2020

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## INTRODUCTION

This is the twenty-eighth weekly literature report from the Public Health England Behavioural Science Reference Cell. The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 13<sup>th</sup> November 2020 – 20<sup>th</sup> November. Please note the report is not a perfect product and the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. Additionally, the authors of this report do not accept responsibility for the availability, reliability or content of the items included in this report and do not necessarily endorse the views expressed within them.

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All past editions can be found here: <https://phelibrary.koha-ptfs.co.uk/coronavirusinformation/>, under the 'Keeping up to date' tab.

## HIGHLIGHTS

As we know how time pressured everyone is at the moment, the authors of the digest have selected three recommended items from the lists below. This week these are:

1. Five rules for evidence communication, Michael Blastland et al., Nature, 18<sup>th</sup> November 2020.
2. Mobility network models of COVID-19 explain inequities and inform reopening, Serina Chang et al., Nature, 10<sup>th</sup> November 2020.
3. What's happened to our mental health in 2020; tools to get through the winter, All in the Mind, BBC, 3<sup>rd</sup> November 2020.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Social patterning and stability of COVID-19 vaccination acceptance in Scotland: Will those most at risk accept a vaccine?, Lynn Williams et al., medRxiv, 19<sup>th</sup> November 2020.

Predicting behavioural intentions to prevent or mitigate COVID-19: A meta-analysis, Ronald Fischer et al., PsyArXiv Preprints, 18<sup>th</sup> November 2020.

Public perceptions of non-adherence to COVID-19 measures by self and others in the United Kingdom, Simon N Williams et al., medRxiv, 18<sup>th</sup> November 2020.

What is the efficacy and safety of rapid exercise tests for exertional desaturation in COVID-19: a rapid systematic review, Asli Kalin et al., Research Square, 17<sup>th</sup> November 2020.

What support do frontline workers want? A qualitative study of health and social care workers' experiences and views of psychosocial support during the COVID-19 pandemic, Jo Billings et al., medRxiv, 6<sup>th</sup> November 2020.

### Published

Five rules for evidence communication, Michael Blastland et al., Nature, 18<sup>th</sup> November 2020.

## UNCLASSIFIED

Effectiveness of adding a mask recommendation to other public health measures to prevent SARS-CoV-2 infection in Danish mask wearers: a randomized controlled trial, Henning Bundgaard et al., Annals of Internal Medicine, 18<sup>th</sup> November 2020.

Of masks and methods, Thomas R. Frieden et al., Annals of Internal Medicine, 18<sup>th</sup> November 2020.

Ranking the effectiveness of worldwide COVID-19 government interventions, Nils Haug et al., Nature Human Behaviour, 16<sup>th</sup> November 2020.

Ethnicity and clinical outcomes in COVID-19: A systematic review and meta-analysis, Shirley Sze et al., EClinical Medicine, 12<sup>th</sup> November 2020.

Mobility network models of COVID-19 explain inequities and inform reopening, Serina Chang et al., Nature, 10<sup>th</sup> November 2020.

How does age affect personal and social reactions to COVID-19: Results from the national Understanding America Study, Jung Ki Kim et al., PLOS ONE, 10<sup>th</sup> November 2020.

Bidirectional associations between COVID-19 and psychiatric disorder: retrospective cohort studies of 62 354 COVID-19 cases in the USA, Maxime Tarquet et al., The Lancet Psychiatry, 9<sup>th</sup> November 2020.

Social psychology and pandemics: exploring consensus about research priorities and strategies using the Delphi method, Daniella Hult Khazaie et al., Asian Journal of Social Psychology, 7<sup>th</sup> November 2020.

Psychological defence mechanisms during the COVID-19 pandemic: a case series, Graham Walker et al., European Journal of Psychiatry, 7<sup>th</sup> November 2020.

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## COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY

### LITERATURE

Achieving behaviour change: A guide for national government, Robert West et al., Public Health England, November 2020.

Home comforts during the Covid-19 lockdown, Good Homes Alliance, October 2020.

## UNCLASSIFIED

Choosing appropriate evaluation methods – a tool for assessment and selection, Barbara Befani, CECAN, 18<sup>th</sup> November 2020.

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### BLOGS

New film shows importance of ventilation to reduce spread of COVID-19, Department of Health and Social Care, 18<sup>th</sup> November 2020.

What Is driving the decline in people's willingness to take the COVID-19 vaccine in the United States?, Jarrett Ramos Lewis, JAMA Network Open, 18<sup>th</sup> November 2020.

Health psychology in the time of Covid-19, Polly James, The PPN North West, 18<sup>th</sup> November 2020.

Who should be first in line for a covid-19 vaccine? Assessing effectiveness and cost effectiveness, James Raftery, BMJ Opinion, 17<sup>th</sup> November 2020.

How to make decisions about winter holiday gatherings amid COVID-19, Liz Stuart et al., Johns Hopkins University, 13<sup>th</sup> November 2020.

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### PODCASTS, WEBINARS, AND RECORDINGS

Learning from international success during COVID, BESSI, 26<sup>th</sup> November 2020.

Prevention and intervention: local authority approaches to prevention of the spread of COVID-19 – webinar, Local Government Association, 26<sup>th</sup> November 2020.

Lockdown compliance and pandemic fatigue, Institute for Government, 18<sup>th</sup> November 2020.

Advice to government in the coronavirus crisis, Institute for Government, 6<sup>th</sup> November 2020.

What's happened to our mental health in 2020; tools to get through the winter, All in the Mind, BBC, 3<sup>rd</sup> November 2020.

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## **NEWSPAPER ARTICLES AND OTHER JOURNALISM**

Echoes of a pandemic: experts fear lessons from the 2009 H1N1 vaccine drive are being ignored, Frances Stead Sellers, The Washington Post, 17<sup>th</sup> November 2020.

The hot new COVID tech is wearable and constantly tracks you, Natasha Singer, The New York Times, 15<sup>th</sup> November 2020.

Conversations on polarizing topics are possible. if you're up for it, here's how to start, Caitlyn Finton, Behavioural Scientist, 9<sup>th</sup> November 2020.

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## **MISCELLANEOUS**

The behaviour change intervention ontology, Ontology Search, 2020.

Children and COVID-19 research library, UNICEF, 2020.