

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

23/04/2021

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## INTRODUCTION

This is the forty seventh 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 17<sup>th</sup> April 2021 – 23<sup>rd</sup> April 2021. 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.

Please feel free to forward this email to your colleagues.

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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.

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### LITERATURE REPORT DATABASE

We have created a database compiling all previous literature reports. All articles have been thematically categorised, so you can filter through the different topics for a more precise search.

The database will be updated weekly to include our latest reports. You can gain access using this link:

<https://docs.google.com/spreadsheets/d/1qfR4NqnD5hTAS8KriPaXYhLu1s7fpZJDq8EIXQY0ZEs/edit?usp=sharing>

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### 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:

[Living Systematic Review of Mental Health in COVID-19, The DEPRESSD Project](#), no date.

[Rethinking vaccine hesitancy among minority groups](#), Mishal S. Khan et al., The Lancet, 21<sup>st</sup> April 2021.

[Safely social: promoting and sustaining adolescent engagement in social distancing during the COVID-19 pandemic](#), Ming-Te Wang et al., Journal of Adolescent Health, 12<sup>th</sup> April 2021.

## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Parent-for-child mask wearing behaviour during the COVID-19 pandemic: an investigation of attitudes, beliefs and norms using the theory of planned behaviour, Adina Coroiu et al., PsyArXiv Preprints, 22<sup>nd</sup> April 2021.

Understanding and addressing vaccine hesitancy in the context of COVID-19: development of a digital intervention, Holly Knight et al., medRxiv, 22<sup>nd</sup> April 2021.

Public perception of COVID-19 vaccines through analysis of Twitter content and users, Sameh Nagui Saleh et al., medRxiv, 22<sup>nd</sup> April 2021.

COVID-19 transmission in a theme-park, Elena Aruffo et al., medRxiv, 20<sup>th</sup> April 2021.

# AstraZeneca vaccine disinformation on Twitter, Dariusz Jemielniak et al., medRxiv, 16<sup>th</sup> April 2021.

Public perceptions of COVID-19 digital contact tracing technologies during the pandemic in Germany, Anastasia Kozyreva et al., PsyArXiv Preprints, 14<sup>th</sup> April 2021.

Rapid thematic analysis of community social and online media in response to mass asymptomatic COVID-19 testing in Liverpool, England, Charlotte Robin et al., Research Square, 9<sup>th</sup> April 2021.

### Published

Living Systematic Review of Mental Health in COVID-19, The DEPRESSD Project, no date.

Risk-taking behaviour in recovered COVID-19 patients, Asli Egeli et al., Psychiatr Danub, 2021.

Difficult trade-offs in response to COVID-19: the case for open and inclusive decision-making, Ole F. Norheim et al., liamkofibright.com, no date.

Collection: choice of COVID-19 vaccines, European Journal of Internal Medicine, Science Direct, 2021.

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COVID-19 support study: overview, Scottish Government, GOV.SCOT, 22<sup>nd</sup> April 2021.

Rethinking vaccine hesitancy among minority groups, Mishal S. Khan et al., The Lancet, 21<sup>st</sup> April 2021.

The role of the COVID-19 pandemic in altered psychological well-being, mental health and sleep: an online cross-sectional study, Sarah F. Allen et al., Psychology, Health and Medicine, 20<sup>th</sup> April 2021.

The potential dangers of not understanding COVID-19 public health restrictions in dementia: "It's a groundhog day - every single day she does not understand why she can't go out for a walk", Clarissa Giebel et al., BMC Public Health, 20<sup>th</sup> April 2021.

Covid-19: Lateral flow tests in care homes failed to stop outbreaks, finds study, Elisabeth Mahase, BMJ, 20<sup>th</sup> April 2021.

The UPTAKE study: implications for the future of COVID-19 vaccination trial recruitment in UK and beyond, Sonika Sethi et al., Trials, 20<sup>th</sup> April 2021.

The next three epochs: Health system challenges amidst and beyond the COVID-19 era, Anish K Arora, International Journal of Health Planning and Management, 17<sup>th</sup> April 2021.

Masked and distanced: a qualitative study of how personal protective equipment and distancing affect teamwork in emergency care, Tuna C Hayirli et al., International Journal for Quality in Health Care, 17<sup>th</sup> April 2021.

Positive outcomes associated with the COVID-19 pandemic in Australia, S Cornell et al., Health Promotion Journal of Australia, 16<sup>th</sup> April 2021.

The willingness to accept the COVID-19 vaccine and affecting factors among healthcare professionals: A cross-sectional study in Turkey, Askin Keskin Kaplan et al., International Journal of Clinical Practice, 16<sup>th</sup> April 2021.

Impact of COVID-19 on migrants' access to primary care and implications for vaccine roll out: a national qualitative study, Felicity Knights et al., British Journal of General Practice, 16<sup>th</sup> April 2021.

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Behavioural response to the Covid-19 pandemic in South Africa, Umakrishnan Kollamparambil et al., PLOS ONE, 16<sup>th</sup> April 2021.

Nudge plus: incorporating reflection into behavioural public policy, Sanchayan Banerjee et al., Behavioural Public Policy, 16<sup>th</sup> April 2021.

Implementation of preventive measures to prevent COVID-19: a national study of English primary schools in summer 2020, Neisha Sundaram et al., Health Education Research, 16<sup>th</sup> April 2021.

Do single-use facemask users' care for the effects on the (marine) environment during the COVID-19 pandemic? Preliminary results from Greece, Iosif Botetzagias et al., Marine Pollution Bulletin, 13<sup>th</sup> April 2021.

COVID-19 information on social media and preventive behaviours: Managing the pandemic through personal responsibility, Piper Liping Liu, Social Science and Medicine, 12<sup>th</sup> April 2021.

Safely social: promoting and sustaining adolescent engagement in social distancing during the COVID-19 pandemic, Ming-Te Wang et al., Journal of Adolescent Health, 12<sup>th</sup> April 2021.

Unequal impact of the COVID-19 crisis on minority ethnic groups: a framework for understanding and addressing inequalities, Srinivasa Vittal Katikireddi et al., Journal of Epidemiology and Community Health, 8<sup>th</sup> April 2021.

Covid-19: Certifying status for “vaccine passports” must not increase GPs’ workload, says Royal College, Abi Rimmer, BMJ, 7<sup>th</sup> April 2021.

Ramadan and COVID-19 vaccine hesitancy—a call for action, Sarah N. Ali et al., The Lancet, 7<sup>th</sup> April 2021.

Being an accountant, cook, entertainer and teacher—all at the same time: Changes in employees' work and work-related well-being during the coronavirus (COVID-19) pandemic, Christine Syrek et al., International Journal of Psychology, 7<sup>th</sup> April 2021.

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## COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY LITERATURE

The COVID Decade: understanding the long-term societal impacts of COVID-19, The British Academy, 2021.

Project newsletter April 2021, Human Behaviour Change Project, April 2021.

COVID-19: Will we ever work out where it came from?, Jeremy Rossman, Science Focus, 22<sup>nd</sup> April 2021.

COVID-19 vaccination toolkit for health departments and other public health partners, CDC, 15<sup>th</sup> April 2021.

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## BLOGS

Are you Team AstraZeneca or Team Pfizer? The ridiculous rise of vaccine loyalty, Health and Wellbeing, The Guardian, 21<sup>st</sup> April 2021.

The NHS contact tracing app fell foul of privacy concerns. But did they have the right idea?, Lucie White, LSE, 21<sup>st</sup> April 2021.

COVID-19 has made us more averse to both income and health inequalities, Miqdad Asaria et al., LSE, 20<sup>th</sup> April 2021.

Covid-19 testing programs: who benefits?, Neia Prata Menezes et al., BMJ, 16<sup>th</sup> April 2021.

Covid-19 vaccines: a game of power jabs, Brian Li Han Wong et al., BMJ, 16<sup>th</sup> April 2021.

COVID-19 public health messages have been all over the place – but researchers know how to do better, Todd Newman et al., The Conversation, 14<sup>th</sup> April 2021.

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## PODCASTS, WEBINARS, AND RECORDINGS

### Upcoming

Improving the resilience of U.S. health care systems for future pandemics, Johns Hopkins Center for Health Security, Zoom, 28<sup>th</sup> April 2021.

## **Pre-recorded**

BSI webinars for healthcare workers, British Society for Immunology, no date.

Has the pandemic changed our sleep habits?, (15min), Science Weekly, The Guardian, 22<sup>nd</sup> April 2021.

Dr Jonathan Campion – director for public mental health and consultant psychiatrist: real world public mental health: translating evidence into practice, Behavioural Science and Public Health Network, 30<sup>th</sup> October 2020.

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## **NEWSPAPER ARTICLES AND OTHER JOURNALISM**

Using behavioural science could give vital boost to vaccination uptake, say psychologists, Essex-TV, no date.

Pfizer identifies counterfeit COVID-19 vaccine in Mexico, Poland; warns of increase in fraud, Sasha Pezenik, abc News, 22<sup>nd</sup> April 2021.

'No one was listening': Long COVID patients struggle to get care for their symptoms, Allison Bond, STAT, 21<sup>st</sup> April 2021.

COVID-19: Regular exercise may cut COVID-19 death risk by a third, major study finds, Russell Hope, Sky News, 21<sup>st</sup> April 2021.

COVID news live - latest UK updates: One in five people in UK have had both vaccine doses - as Turkey records highest ever number of daily deaths, Sky News, 21<sup>st</sup> April 2021.

The obscure maths theorem that governs the reliability of COVID testing, Tom Chivers, The Guardian, 18<sup>th</sup> April 2021.

The race to curb the spread of COVID vaccine disinformation, Jeff Tollefson, Nature, 16<sup>th</sup> April 2021.

COVID vaccines: From me to we, Frontline BeSci, 13<sup>th</sup> April 2021.

'Getting a clearer picture': Black Americans on the factors that overcame their vaccine hesitancy, Curtis Bunn, NBC News, 12<sup>th</sup> April 2021.

Vaccine rebels: The teens defying their parents to get the COVID vaccine, Fortesa Latifi, Teen Vogue, 7<sup>th</sup> April 2021.

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COVID-19: what health experts could and could not predict, Devi Sridhar,  
Nature Medicine, 7<sup>th</sup> December 2020.

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**MISCELLANEOUS**

Created to answer the public's questions about the COVID-19 vaccines, Covid  
Vax Facts, no date.

How to get involved: World Hand Hygiene Day 2021, WHO, no date.

COVID: Those warning signs are being photographed for history, BBC News,  
23<sup>rd</sup> April 2021.