

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

11/12/2020

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## INTRODUCTION

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This is the thirtieth first 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 4<sup>th</sup> December – 11<sup>th</sup> December 2020. 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.

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. Community use of face masks and similar barriers to prevent respiratory illness such as COVID-19: a rapid scoping review, Julii Brainard et al., Eurosurveillance, 10<sup>th</sup> December 2020.
2. Public behaviour in response to the COVID-19 pandemic: understanding the role of group processes, John Drury et al., BJPsych Open, 7<sup>th</sup> December 2020.
3. Implementation of mass vaccination campaigns in a pandemic: challenges and opportunities during COVID-19, Johns Hopkins Center for Health Security, 9<sup>th</sup> December 2020.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Why and how to engage expert stakeholders in ontology development: Insights from social and behavioural sciences, Emma Norris et al., PsyArXiv Preprints, 11<sup>th</sup> December 2020.

Predictors and patterns of gambling behaviour across the COVID-19 lockdown: findings from a UK cohort study, Meg Fluharty et al., PsyArXiv Preprints, 10<sup>th</sup> December 2020.

Emotions, reasoning, and mental health as predictors of behaviour during three phases of the COVID-19 pandemic, Yanick Leblanc-Sirois et al., PsyArXiv Preprints, 10<sup>th</sup> December 2020.

Factors associated with adherence to social distancing protocols and hygienic behaviour during the COVID-19 Pandemic, Omid Ebrahimi et al., PsyArXiv Preprints, 7<sup>th</sup> December 2020.

The impact of the COVID-19 pandemic on mental health and well-being of people living with a long-term physical health condition: a qualitative study, Abigail Fisher et al., medRxiv, 5<sup>th</sup> December 2020.

## Published

Community use of face masks and similar barriers to prevent respiratory illness such as COVID-19: a rapid scoping review, Julii Brainard et al., Eurosurveillance, 10<sup>th</sup> December 2020.

Evaluation of cloth masks and modified procedure masks as personal protective equipment for the public during the COVID-19 pandemic, Phillip W. Clapp et al., JAMA Internal Medicine, 10<sup>th</sup> December 2020.

Face masks and COVID-19: don't let perfect be the enemy of good, Benjamin J. Cowling et al., Eurosurveillance, 10<sup>th</sup> December 2020.

Self-efficacy and fatigue among non-frontline health care workers during COVID-19 outbreak: A moderated mediation model of posttraumatic stress disorder symptoms and negative coping, Tianya Hou et al., PLOS ONE, 10<sup>th</sup> December 2020.

Covid-19: Mass testing in Slovakia may have helped cut infections, Elisabeth Mahase, BMJ, 8<sup>th</sup> December 2020.

Public behaviour in response to the COVID-19 pandemic: understanding the role of group processes, John Drury et al., BJPsych Open, 7<sup>th</sup> December 2020.

Explaining the rise and fall of psychological distress during the COVID-19 crisis in the United States: longitudinal evidence from the Understanding America Study, Eric Robinson et al., British Journal of Health Psychology, 5<sup>th</sup> December 2020.

Well-being and loneliness in swiss older adults during the COVID-19 pandemic: the role of social relationships, Birthe Macdonald et al., The Gerontologist, 1<sup>st</sup> December 2020.

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

The impact of the coronavirus so far: the industries that struggled or recovered, Office for National Statistics, 9<sup>th</sup> December 2020.

## UNCLASSIFIED

The European Commission publishes the new report on disaster risks in the EU, European Civil Protection and Humanitarian Aid Operations, 7<sup>th</sup> December 2020.

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### BLOGS

Don't let guard down on germ defence at home for Christmas, urge researchers, University of Bath, 11<sup>th</sup> December 2020.

What psychology can tell us about why some people don't wear masks – and how to change their minds, Helen Wall et al., The Conversation, 9<sup>th</sup> December 2020.

What could the impact of COVID-19 be on UK demography?, Sarah Crofts, Office for National Statistics, 7<sup>th</sup> December 2020.

Tips for professional reporting on COVID-19 vaccines, WHO, 7<sup>th</sup> December 2020.

An opportunity to take a broader view on preventative health measures, Jo Bibby, National Health Executive, 3<sup>rd</sup> December 2020.

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### PODCASTS, WEBINARS, AND RECORDINGS

You can't read your way out of a complex policy problem (podcast), The Behavioural Insights Team, 2020.

Build back fairer: inequalities and COVID-19 in England, The Health Foundation, 15<sup>th</sup> December 2020.

Implementation of mass vaccination campaigns in a pandemic: challenges and opportunities during COVID-19, Johns Hopkins Center for Health Security, 9<sup>th</sup> December 2020.

How do we prepare for a pandemic?, Bond University, YouTube, 8<sup>th</sup> December 2020.

COVID-19 Live Q&A #5 on vaccines with Mark Jit, Pauline Paterson and Beate Kampmann, London School of Hygiene and Tropical Medicine, 4<sup>th</sup> December 2020.

## UNCLASSIFIED

Coronavirus: lessons learnt, Health and Social Care Committee and Science and Technology Committee, 1<sup>st</sup> December 2020.

The psychology of coping with quarantine, The Royal College of Psychiatrists, Sound Cloud, 1<sup>st</sup> December 2020.

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### NEWSPAPER ARTICLES AND OTHER JOURNALISM

'The perfect storm': how vaccine misinformation spread to the mainstream, Shannon Bond, NPR, 10<sup>th</sup> December 2020.

Here's why vaccinated people still need to wear a mask, Apoorva Madavilli, The New York Times, 9<sup>th</sup> December 2020.

FDA scientists endorse 'highly effective' Pfizer/BioNTech Covid-19 vaccine ahead of key panel, Matthew Herper, Stat, 8<sup>th</sup> December 2020.

New smartphone tool to track side effects of the coronavirus vaccine may be vulnerable to manipulation, Lena H. Sun et al., The Washington Post, 7<sup>th</sup> December 2020.

What can the pandemic teach us about human nature?, Alex Orlando, Discover, 6<sup>th</sup> December 2020.

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### MISCELLANEOUS

How come are we able to move so fast to get a safe and effective #COVID19 #vaccine?, ECDC, Twitter, 10<sup>th</sup> December 2020.

Behavioural scientist's notable books of 2020, Antonia Violante et al., Behavioural Scientist, 7<sup>th</sup> December 2020.

New Covid-19 research resources hub, The British Psychological Society, 4<sup>th</sup> December 2020.