

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

03/07/2020

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## INTRODUCTION

This is the ninth 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 27<sup>th</sup> June – 3<sup>rd</sup> July 2020. Please note the report does 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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## 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. Unpacking the black box: How to promote citizen engagement through government social media during the COVID-19 crisis, Qiang Chen et al., Computers in Human Behavior, September 2020.
2. Covid-19: understanding inequalities in mental health during the pandemic, Louis Allwood et al., Centre for Mental Health, 26<sup>th</sup> June 2020.
3. 'Distancers' and 'non-distancers'? The potential social psychological impact of moralizing COVID-19 mitigating practices on sustained behaviour change, Annayah M. B. Prosser, British Journal of Social Psychology, 25<sup>th</sup> June 2020.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

When Social Interaction Backfires: Frequent Social Interaction during the COVID-19 Pandemic Period Is Associated with Decreased Well-Being and Higher Panic Buying, Hyunji Kim et al., PsyArXiv preprints, 3<sup>rd</sup> July 2020.

Associations of exercise and social support with mental health during quarantine and social-distancing measures during the COVID-19 pandemic: A cross-sectional survey in Germany, Leonie Louisa Bauer et al., medRxiv preprints, 2<sup>nd</sup> July 2020.

Differential COVID-19 case positivity in New York City neighborhoods: socioeconomic factors and mobility, Matthew Raymond Lamb et al., medRxiv preprints, 2<sup>nd</sup> July 2020.

Who Bought All the Toilet Paper? Conspiracy Theorists Are More Likely to Stockpile During the COVID-19 Pandemic, Max Bai, PsyArXiv preprints, 2<sup>nd</sup> July 2020.

Teach, and teach and teach: does the average citizen use masks correctly during daily activities? Results from an observational study with more than

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12,000 participants, Evaldo Stanislau Affonso de Araújo et al., medRxiv preprints, 28<sup>th</sup> June 2020.

Downsides of face masks and possible mitigation strategies: a systematic review and meta-analysis, Mina Bakhit et al., medRxiv preprints, 19<sup>th</sup> June 2020.

### **Published**

Unpacking the black box: How to promote citizen engagement through government social media during the COVID-19 crisis, Qiang Chen et al., Computers in Human Behavior, September 2020.

Early lessons from a second COVID-19 lockdown in Leicester, UK, Joshua Nazareth et al., The Lancet, 2<sup>nd</sup> July 2020.

Association between mobility patterns and COVID-19 transmission in the USA: a mathematical modelling study, Hamada S Badr, The Lancet: Infectious Diseases, 1<sup>st</sup> July 2020.

Leveraging the Power of Mutual Aid, Coalitions, Leadership, and Advocacy During COVID-19, Daniela G. Domínguez et al., American Psychologist, June 2020.

Applications of digital technology in COVID-19 pandemic planning and response, Sera Whitelaw et al., The Lancet: Digital Health, 29<sup>th</sup> June 2020.

Generation coronavirus?, Editorial, the Lancet, 27<sup>th</sup> June 2020.

Cultural orientation, power, belief in conspiracy theories, and intentions to reduce the spread of COVID-19, Mikey Biddlestone et al., British Journal of Social Psychology, 27<sup>th</sup> June 2020.

'Distancers' and 'non-distancers'? The potential social psychological impact of moralizing COVID-19 mitigating practices on sustained behaviour change, Annayah M. B. Prosser, British Journal of Social Psychology, 25<sup>th</sup> June 2020.

Public health initiatives from hospitalized patients with COVID-19, China, Chenkai Zhao et al., Journal of Infection and Public Health, 19<sup>th</sup> June 2020.

The Corona Crisis: What Can We Learn from Earlier Studies in Applied Psychology?, Thomas Rigotti et al., Applied Psychology, 28<sup>th</sup> May 2020.

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

Coronavirus and the social impacts on Great Britain: 3 July 2020, Ruth Davies, ONS, 3<sup>rd</sup> July 2020.

Face masks for the public during covid-19: the more things change, Annemarie Jutel, BMJ, 2<sup>nd</sup> July 2020.

Behavioural science can help make the UK's track and trace app a success – here's how, Madelynne Arden, The Conversation, 1<sup>st</sup> July 2020.

Covid-19: understanding inequalities in mental health during the pandemic, Louis Allwood et al., Centre for Mental Health, 26<sup>th</sup> June 2020.

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## BLOGS

We are dynamite, Jon Sutton, the psychologist, 2<sup>nd</sup> July 2020.

Covid-19: Social care's forgotten workers—they matter too, Marcia Stewart et al., BMJ opinion, 2<sup>nd</sup> July 2020.

Distributing a COVID-19 vaccine raises complex ethical issues, Ruth Faden, John Hopkins University blog, 1<sup>st</sup> July 2020.

The disproportionate impact of COVID-19 on ethnic minorities in the UK and what we can do about it, BI team, 26<sup>th</sup> June.

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## PODCASTS, WEBINARS, AND RECORDINGS

Gender Justice in the Global COVID-19 Response, Columbia University, 21<sup>st</sup> May 2020.

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## NEWSPAPER ARTICLES AND OTHER JOURNALISM

As Domestic Abuse Rises, U.K. Failings Leave Victims in Peril, Amanda Taub et al., The New York Times, 2<sup>nd</sup> July 2020.

Americans who stayed home before they were told to saved lives, study finds, Lauren Mascarenhas et al., CNN: Health, 2<sup>nd</sup> July 2020.

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The Psychology Behind Why Some People Wear Face Masks – And Others Don't, Natasha Hinde, Huffington Post, 1<sup>st</sup> July 2020.

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## **MISCELLANEOUS**

Covid Chronicles, PM, BBC Radio 4, ongoing.

Something in the air..., the psychologist, 22<sup>nd</sup> June 2020.