

# BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

## 16<sup>th</sup> July 2021: Week 59

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 9<sup>th</sup> July 2021 – 16<sup>th</sup> July 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.

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### Past editions

You can find our thematically categorised database of all previous literature reports [here](#)

You can find past editions, under the 'Keeping up to date' tab [here](#)

## Highlights

As we know how time pressured everyone is, the authors of the digest have selected three recommended items from the lists below.

This week these are:

1. Effect of physician-delivered COVID-19 public health messages and messages acknowledging racial inequity on black and white adults' knowledge, beliefs, and practices related to COVID-19: a randomized clinical trial, Carlos Torres et al., JAMA Network Open, 14<sup>th</sup> July 2021.
2. Efficacy information influences intention to take COVID-19 vaccine, Colin J. Davis et al., British Journal of Health Psychology, 11<sup>th</sup> July 2021.
3. Carrying equity in COVID-19 vaccination forward: guidance informed by communities of color, Center for Health Security, YouTube, 16<sup>th</sup> July 2021.

## LitRep Collections: *The Role of Resilience*

Introducing a new feature - **LitRep Collections** - the authors of the digest will select articles relevant to a particular theme from the LitRep database. This week's theme is:

### *The Role of Resilience*

1. Resilience in the face of uncertainty: early lessons from the COVID-19 pandemic, C. Bryce et al., Journal of Risk Research, 3<sup>rd</sup> May 2020.
2. Resilience through internationalisation, The University of Edinburgh, 18<sup>th</sup> June 2020.
3. COVID-19: Psychological flexibility, coping, mental health, and wellbeing in the UK during the pandemic, David L. Dawson et al., Journal of Contextual Behavioural Science, 30<sup>th</sup> July 2020.
4. Exposure to green spaces may strengthen resilience and support mental health in the face of the covid-19 pandemic, Raf Aerts et al., BMJ, 21<sup>st</sup> June 2021.
5. Were we stressed or was it just me – and does it even matter? Efforts to

disentangle individual and collective resilience within real and imagined stressors, Carin Molenaar et al., British Journal of Social Psychology, 15<sup>th</sup> June 2021.

6. Psychological resilience, coping behaviours and social support among health care workers during the COVID-19 pandemic: A systematic review of quantitative studies, Leodoro J. Labrague, Journal of Nursing Management, 12<sup>th</sup> April 2021.

## Research Papers

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

Quantifying social contact patterns in Minnesota during Stay-at-Home social distancing order, Audrey M. Dorelien et al., medRxiv, 15<sup>th</sup> July 2021.

The health impacts of a 4-month long community-wide COVID-19 lockdown: Findings from a prospective longitudinal study in the state of Victoria, Australia, Daniel Griffiths et al., medRxiv, 15<sup>th</sup> July 2021.

Child suicide rates during the COVID-19 pandemic in England, David E. Odd et al., medRxiv, 15<sup>th</sup> July 2021.

COVID-19 vaccine hesitancy in the UK: A longitudinal household cross-sectional study, Kausik Chaudhuri et al., medRxiv, 14<sup>th</sup> July 2021.

Optimising health and economic impacts of COVID-19 vaccine prioritisation strategies in the WHO European Region, Yang Liu et al., medRxiv, 14<sup>th</sup> July 2021.

Interest in COVID-19 vaccine trials participation among young adults in China: Willingness, reasons for hesitancy, and demographic and psychosocial determinants, Shufang Sun et al., medRxiv, 14<sup>th</sup> July 2021.

COVID-19 vaccine uptake, predictors of vaccination, and self-reported barriers to vaccination among primary school teachers in Poland, Marta Malesza et al., medRxiv, 13<sup>th</sup> July 2021.

Impact of COVID-19 pandemic on weight and BMI among UK adults: a longitudinal analysis of data from the HEBECO study, Samuel J. Dicken et al., medRxiv, 12<sup>th</sup> July 2021.

Using big data analytics to explore the relationship between government stringency and preventative social behaviour during the COVID-19 pandemic in the United Kingdom, Noor Al-Zubaidy et al., medRxiv, 10<sup>th</sup> July 2021.

The lived experience of implementing infection control measures in care homes during two waves of the COVID-19 Pandemic. A mixed-methods study, Diane Bunn et al., medRxiv, 10<sup>th</sup> July 2021.

Why some hesitate more: cross-cultural variation in conspiracy beliefs, belief in science, and vaccine attitudes, Gul Deniz Salali et al., medRxiv, 10<sup>th</sup> July 2021.

Confidence in government and rumors amongst international migrant workers involved in dormitory outbreaks of COVID-19: A cross-sectional survey, Edina YQ Tan et al., medRxiv, 10<sup>th</sup> July 2021.

Communicating about COVID-19 vaccine development and safety, Alistair Thorpe et al., medRxiv, 2<sup>nd</sup> July 2021.

### **Published**

From the 'fragile rationalist' to 'collective resilience': what human psychology has taught us about the COVID-19 pandemic and what the COVID-19 pandemic has taught us about human psychology, Stephen Reicher et al., Royal College of Physicians of Edinburgh, 2021.

Characterizing long COVID in an international cohort: 7 months of symptoms and their impact, Hannah E. Davis et al., E Clinical Medicine, 15<sup>th</sup> July 2021.

The more the merrier! Barriers and facilitators to the general public's use of a COVID-19 contact tracing app in New Zealand, Norina Gasteiger et al., Informatics for Health and Social Care, 14<sup>th</sup> July 2021.

If you build it, will they come? Social, economic, and psychological determinants of COVID-19 testing decisions, Brea L. Perry et al., PLOS ONE, 14<sup>th</sup> July 2021.

Effect of physician-delivered COVID-19 public health messages and messages acknowledging racial inequity on black and white adults' knowledge, beliefs, and practices related to COVID-19: a randomized clinical trial, Carlos Torres et al., JAMA Network Open, 14<sup>th</sup> July 2021.

The impact of the COVID-19 pandemic on stress, mental health and coping behaviour in German University students - a longitudinal study before and after the onset of the pandemic, Edgar Voltmer et al., BMC Public Health, 13<sup>th</sup> July 2021.

Work-related and personal predictors of COVID-19 transmission: evidence from the UK and USA, Paul Anand et al., Journal of Epidemiology and Community Health, 12<sup>th</sup> July 2021.

COVID-19 vaccine hesitancy in South Africa: how can we maximize uptake of COVID-19 vaccines?, Sara Cooper et al., Expert Review of Vaccines, 12<sup>th</sup> July 2021.

Detecting behavioural changes in human movement to inform the spatial scale of interventions against COVID-19, H. Gibbs et al., Plos Computational Biology, 12<sup>th</sup> July 2021.

COVID-19 pandemic worry and vaccination intention: the mediating role of the health belief model components, Claudia I. Iacob et al., Frontiers in Psychology, 12<sup>th</sup> July 2021.

Efficacy information influences intention to take COVID-19 vaccine, Colin J. Davis et al., The British Journal of Health Psychology, 11<sup>th</sup> July 2021.

Social media affordances and information abundance: Enabling fake news sharing during the COVID-19 health crisis, Oberiri Destiny Apuke et al., Health Informatics Journal, 10<sup>th</sup> July 2021.

The impact of COVID-19 related lockdown measures on self-reported psychopathology and health-related quality of life in German adolescents, Julian Koenig et al., European Child and Adolescent Psychiatry, 10<sup>th</sup> July 2021.

COVID-19 and its long-term effects on activity participation and travel behaviour: A multi perspective view, Bert van Wee et al., Journal of Transport Geography, 10<sup>th</sup> July 2021.

Gender-affirming care, mental health, and economic stability in the time of COVID-19: A multi-national, cross-sectional study of transgender and nonbinary people, Brooke A. Jarrett et al., PLOS ONE, 9<sup>th</sup> July 2021.

## **Commentaries, Statements, Position Papers and Grey Literature**

Top CEOs roundtable 2021, Health Service Journal Guides, 2021.

Using the right words, Jeannie Barr, Crisis Response, June 2021.

COVID-19: Preparing for the future. Looking ahead to winter 2021/22 and beyond, The Academy of Medical Sciences, 15<sup>th</sup> July 2021.

Alcoholic liver deaths increased by 21% during year of the pandemic, Public Health England, 15<sup>th</sup> July 2021.

Carrying equity in COVID-19 vaccination forward: guidance informed by communities of color, E.K Brunson et al., The Johns Hopkins Center for Health Security, 14<sup>th</sup> July 2021.

Letting the good data shine: The state of the UK system of statistics 2021, Ed Humpherson, Office for Statistics Regulation, 14<sup>th</sup> July 2021.

The teachings of Long COVID, Nisreen A. Alwan, Communications Medicine, 12<sup>th</sup> July 2021.

## **Blogs**

England's lockdown ending may mean people take COVID-19 less seriously – our new research shows why, Colin Foad, The Conversation, 15<sup>th</sup> July 2021.

Presidential blog: Living with COVID-19 is not the same thing as letting it rip, Jeanelle de Gruchy, The Association of Directors of Public Health (UK), 13<sup>th</sup> July 2021.

COVID-19: how a sense of community can increase vaccine uptake, Juliet Wakefield, The Conversation, 13<sup>th</sup> July 2021.

Public trust in the government's COVID response is slowly eroding. Here's how to get it back on track, Mark Griffith Evans, The Conversation, 11<sup>th</sup> July 2021.

Pro-lockdown polling is not as clear as you might think, Amy Jones, The Post, 9<sup>th</sup> July 2021.

What's next for local contact tracing? A view from Oxfordshire, Sarah Payne-Riches et al., BMJ, 9<sup>th</sup> July 2021.

## Podcasts, Webinars and Recordings

### Upcoming

Communication and collaboration in a crisis, Curious, 17<sup>th</sup> August 2021.

Coronavirus: the whole story – ask the experts live, UCL, 21<sup>st</sup> July 2021.

### Pre-recorded

Carrying equity in COVID-19 vaccination forward: guidance informed by communities of color, (120 mins), Center for Health Security, YouTube, 16<sup>th</sup> July 2021.

Best behaviour—how well will the lifting of covid-19 restrictions go?, (26 mins), Babbage, The Economist, 13<sup>th</sup> July 2021.

Covid-19: do we need to reframe the way we think about restrictions? – podcast, (17 mins), Science Weekly, The Guardian, 13<sup>th</sup> July 2021.

## Newspapers and other Journalism

Long Covid has more than 200 symptoms, study finds, Linda Geddes, The Guardian, 16<sup>th</sup> July 2021.

Medics fear surge in winter viruses alongside Covid, Philippa Roxby, BBC News, 15<sup>th</sup> July 2021.

'Business has boomed but it doesn't mean we're coping', BBC News, 13<sup>th</sup> July 2021.

## Miscellaneous

Daily COVID-19 vaccine doses administered, Our World in Data, no date.

Evidence-based guidance on COVID communications: Seven core principles, University of Sussex, no date.

National resilience strategy: call for evidence, Cabinet Office, 13<sup>th</sup> July 2021.