

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

07/05/2021

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## INTRODUCTION

This is the forty-ninth 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 30<sup>th</sup> April 2021 – 7<sup>th</sup> May 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.

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

## 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/1qfR4NgnD5hTAS8KriPaXYhLu1s7fpZJDq8EIXQY0ZEs/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:

1. Young adults underestimate how well peers adhere to COVID-19 preventive behavioural guidelines, Scott Graupensperger et al., Journal of Primary Prevention, 1<sup>st</sup> May 2021.
  2. Coronavirus conspiracy theories: how vaccine infertility rumours spread to the young, Tom Ball et al., The Times, 30<sup>th</sup> April 2021.
  3. Psychological, social, and situational factors associated with COVID-19 vaccination intentions: A study of UK key workers and non-key workers, Sarah Butter et al., British Journal of Health Psychology, 5<sup>th</sup> May 2021.
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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Time experience in social isolation: a longitudinal study during the first months of COVID-19 pandemic in Brazil, Andre Mascioli Cravo et al., PsyArXiv Preprints, 5<sup>th</sup> May 2021.

Who can I count on: honour and self-reliance during the COVID-19 pandemic, Peter Wang et al., PsyArXiv Preprints, 5<sup>th</sup> May 2021.

## UNCLASSIFIED

“It all makes us feel together”: Young people’s experiences of virtual group music-making during the Covid-19 pandemic, Maruša Levstek et al., PsyArXiv Preprints, 4<sup>th</sup> May 2021.

Understanding behavioural intentions toward COVID-19 vaccines: a theory-based content analysis of tweets, Jialin Liu et al., Journal of Medical Internet Research, 3<sup>rd</sup> May 2021.

Women’s views on accepting COVID-19 vaccination during and after pregnancy, and for their babies: A multi-methods study in the UK, Helen Skirrow et al., medRxiv, 3<sup>rd</sup> May 2021.

The immediate and longer-term impact of the COVID-19 pandemic on the mental health and wellbeing of older adults in England, P. Zaninotto et al., medRxiv, 3<sup>rd</sup> May 2021.

The comparison of vaccine hesitancy of COVID-19 vaccination in China and the United States, Taoran Liu et al., medRxiv, 2<sup>nd</sup> May 2021.

Pre-pandemic mental and physical health as predictors of COVID-19 vaccine hesitancy: evidence from a UK-wide cohort study, G. David Batty et al., medRxiv, 30<sup>th</sup> April 2021.

COVID-19 vaccine acceptance among healthcare workers in a United States medical center, Michelle H. Moniz et al., medRxiv, 30<sup>th</sup> April 2021.

Reactance and perceived disease severity as determinants of COVID-19 vaccination intention: An application of the theory of planned behaviour, Dariusz Drażkowski et al., PsyArXiv Preprints, 28<sup>th</sup> April 2021.

Keeping one’s distance: Mask wearing is implicitly associated with psychological distance, Ramzi Fatfouta et al., PsyArXiv Preprints, 26<sup>th</sup> April 2021.

## **Published**

Overwhelmed by the news: A longitudinal study of prior trauma, posttraumatic stress disorder trajectories, and news watching during the COVID-19 pandemic, Zahava Solomon et al., Social Science and Medicine, June 2021.

## UNCLASSIFIED

Selecting the most effective nudge: evidence from a large-scale experiment on immunization, Abhijit Banerjee et al., National Bureau of Economic Research, April 2021.

Rapid antigen testing in COVID-19 responses, Marta García-Fiñana et al., Science, 7<sup>th</sup> May 2021.

Stress and COVID-19 related behaviours: the mediating role of delay discounting, Briana N. DeAngelis et al., Stress and Health, 6<sup>th</sup> May 2021.

Co-producing knowledge in health and social care research: reflections on the challenges and ways to enable more equal relationships, Michelle Farr et al., Nature, 6<sup>th</sup> May 2021.

How do employees think the COVID-19 crisis will affect their careers?, Louis Lippens et al., PLOS ONE, 6<sup>th</sup> May 2021.

Beliefs and practices among primary care physicians during the first wave of the COVID-19 pandemic in Baden-Wuerttemberg (Germany): an observational study, Catharina Roth et al., BMC Family Practice, 6<sup>th</sup> May 2021.

Psychological, social, and situational factors associated with COVID-19 vaccination intentions: A study of UK key workers and non-key workers, Sarah Butter et al., British Journal of Health Psychology, 5<sup>th</sup> May 2021.

Selecting and imagining rewarding activities during the COVID-19 lockdown: Effects on mood and what moderates them, Jürgen Hoyer et al., International Journal of Psychology, 4<sup>th</sup> May 2021.

Metonymies, metaphors and/or language reconsiderations for sustainability during COVID-19, Jan Gresil S Kahambing, Journal of Public Health, 4<sup>th</sup> May 2021.

Why do some Americans resist COVID-19 prevention behaviour? An analysis of issue importance, message fatigue, and reactance regarding COVID-19 messaging, Hannah Ball et al., Health Communication, 3<sup>rd</sup> May 2021.

In science we trust: the effects of information sources on COVID-19 risk perceptions, Marta Entradas, Health Communication, 3<sup>rd</sup> May 2021.

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Knowledge and preventive behaviours regarding COVID-19 in Bangladesh: A nationwide distribution, Ismail Hosen et al., PLOS ONE, 3<sup>rd</sup> May 2021.

On the influence of message/audience specifics and message appeal type on message empowerment: The Austrian case of COVID-19 health risk messages, Isabell Koinig, Health Communication, 3<sup>rd</sup> May 2021.

Explaining the reasons for not maintaining the health guidelines to prevent COVID-19 in high-risk jobs: a qualitative study in Iran, Neda SoleimanvandiAzar et al., BMC Public Health, 3<sup>rd</sup> May 2021.

Young adults underestimate how well peers adhere to COVID-19 preventive behavioural guidelines, Scott Graupensperger et al., Journal of Primary Prevention, 1st May 2021.

Post-infection depressive, anxiety and post-traumatic stress symptoms: A prospective cohort study in patients with mild COVID-19, Flavia Ismael et al., Progress in Neuro-Psychopharmacology and Biological Psychiatry, 30<sup>th</sup> April 2021.

Effectiveness of community interventions for protecting and promoting the mental health of working-age adults experiencing financial uncertainty: a systematic review, Michael McGrath et al., Journal of Epidemiology and Community Health, 30<sup>th</sup> April 2021.

Stigmatization spreads faster than the virus. Viruses do not discriminate, and neither should we.” Combatting the stigmatization surrounding coronavirus disease (COVID-19) pandemic, Ayfer Ozturk, Perspectives in Psychiatric Care, 30<sup>th</sup> April 2021.

Barriers to vaccination among people with Parkinson’s Disease and implications for COVID-19, Tiffany Phanhdone et al., Journal of Parkinson’s Disease, 30<sup>th</sup> April 2021.

How media literacy and science media literacy predicted the adoption of protective behaviours amidst the COVID-19 pandemic, Erica Weintraub Austin et al., Journal of Health Communication, 30<sup>th</sup> April 2021.

Effectiveness of personal protective health behaviour against COVID-19, Chon Fu Lio et al., BMC Public Health, 29<sup>th</sup> April 2021.

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Covid-19 vaccine acceptance, hesitancy and refusal among Canadian healthcare workers: a multicenter survey, Stefania Dzieciolowska et al., American Journal of Infection Control., 28<sup>th</sup> April 2021.

The impact of COVID-19 social distancing and isolation recommendations for Muslim communities in North West England, Shaima M. Hassan et al., BMC Public Health, 28<sup>th</sup> April 2021.

Stigma and misconceptions in the time of the COVID-19 pandemic: A field experiment in India, Asad Islam et al., Social Science and Medicine, 28<sup>th</sup> April 2021.

Anti-intellectualism and the mass public's response to the COVID-19 pandemic, Eric Merkley et al., Nature Human Behaviour, 28<sup>th</sup> April 2021.

Disease, perceived infectability and threat reactivity: A COVID-19 study, L. Safra et al., Personality and Individual Differences, 28<sup>th</sup> April 2021.

Changes and remaining challenges for the Japanese immunization program: Closing the vaccine gap, Akihiko Saitoh et al., Vaccine, 28<sup>th</sup> April 2021.

The sharing of research data facing the COVID-19 pandemic, Rut Lucas-Dominguez et al., Scientometrics, 26<sup>th</sup> April 2021.

Food support provision in COVID-19 times: a mixed method study based in Greater Manchester, Filippo Oncini, Agriculture and Human Values, 26<sup>th</sup> April 2021.

Coronavirus stress and COVID-19 burnout among healthcare staffs: The mediating role of optimism and social connectedness, Murat Yıldırım et al., Current Psychology, 23<sup>rd</sup> April 2021.

Heterogeneity in preventive behaviours during COVID-19: Health risk, economic insecurity, and slanted information, Su Hyun Shin et al., Social Science and Medicine, 17<sup>th</sup> April 2021.

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

Priorities for COVID-19 research response and preparedness in low-resource settings, GloPID-R, UKCDR, and COVID-19 Clinical Research Coalition Cross-Working Group, The Lancet, 6<sup>th</sup> May 2021.

Are we facing a mental health pandemic?, Tim Vizard et al., Office for National Statistics, 5<sup>th</sup> May 2021.

Addressing health inequalities in London throughout the Covid-19 pandemic, Kevin Fenton, UK Public Health Network, 4<sup>th</sup> May 2021.

Factors affecting COVID-19 vaccination acceptance and uptake among the general public: a living behavioural science evidence synthesis, Jacob Crawshaw et al., McMaster Forum, 30<sup>th</sup> April 2021.

Insights on transmission of COVID-19 with a focus on the hospitality, retail and leisure sector, EMG Transmission Group, 30<sup>th</sup> April 2021.

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## BLOGS

Covid-19 in India—lockdown and vaccination drive only way forward, Amitava Banerjee, BMJ, 6<sup>th</sup> May 2021.

The 100th anniversary of a vaccine against a deadly disease: not a cause for celebration, Lena Faust et al., Health Affairs, 6<sup>th</sup> May 2021.

Vaccinating Africa against COVID-19: riding a roller coaster of poor information, Heidi Larson et al., The Conversation, 5<sup>th</sup> May 2021.

COVID crisis in India: why its public health strategy failed, Ankur Mutreja, The Conversation, 5<sup>th</sup> May 2021.

Using the NHS App as a covid-19 vaccine passport, Simone Hodes et al., BMJ, 30<sup>th</sup> April 2021.

Optimising covid-19 vaccine uptake—time for a more nuanced approach, Asam Latif et al., BMJ, 30<sup>th</sup> April 2021.

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How can we use behavioural science to promote vaccination against COVID-19 in Latin America?, Miguel Rosales et al., The Behavioural Insights Team, 28<sup>th</sup> April 2021.

What should we ask of a new global treaty for pandemic preparedness?, Henrique Lopes et al., BMJ, 26<sup>th</sup> April 2021.

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

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## PODCASTS, WEBINARS, AND RECORDINGS

### Upcoming

WHO COVID-19 – Global Research and Innovation Forum, COVID Circle, 13<sup>th</sup> May 2021.

The media tells us the NHS is burnt out and suffering. Is it true?, NHS Check, Eventbrite, 11<sup>th</sup> May 2021.

### Pre-recorded

Podcast: Long COVID questions answered, (44 mins), Social Distance, The Atlantic, May 2021.

A decade of 'nudge' – in conversation with the pioneers (part 2 of 2), (39 mins), Inside the Nudge Unit, 6<sup>th</sup> May 2021.

What can we learn from the 1918 flu pandemic? – podcast, (26 mins), Nicola Davis et al., Science Weekly, The Guardian, 5<sup>th</sup> May 2021.

Coronapod: the inequality at the heart of the pandemic, Amy Maxmen et al., Nature Podcast, 30<sup>th</sup> April 2021.

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## NEWSPAPER ARTICLES AND OTHER JOURNALISM

Black adults aged 50-plus least likely to have received Covid jab, Jemma Crew, Evening Standard, 6<sup>th</sup> May 2021.

One in five UK adults have had depressive symptoms during pandemic, Tobi Thomas, The Guardian, 5<sup>th</sup> May 2021.



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Covid-19: Uptake of testing does not reflect chances of positive test, study finds, Barbara Kermode-Scott, BMJ, 4<sup>th</sup> May 2021.

The era of mass vaccinations is ending, Sarah Zhang, The Atlantic, 4<sup>th</sup> May 2021.

Health care and workplaces must adjust for long covid, The Economist, 1<sup>st</sup> May 2021.

Coronavirus conspiracy theories: how vaccine infertility rumours spread to the young, Tom Ball et al., The Times, 30<sup>th</sup> April 2021.

Why is India having a covid-19 surge?, Kamala Thiagarajan, BMJ, 30<sup>th</sup> April 2021.