

PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

14/05/2021

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INTRODUCTION

This is the fiftieth 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 7th May 2021 – 14th 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.

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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.

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>

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. [Sustained behaviour change is key to preventing and tackling future pandemics](#), Susan Michie et al., Nature Medicine, 10th May 2021.
2. [COVID vaccine hesitancy: spell out the personal rather than collective benefits to persuade people – new research](#), Daniel Freeman, The Conversation, 13th May 2021.
3. [A randomized controlled trial to test the effect of simplified guidance with visuals on comprehension of COVID-19 guidelines and intention to stay home if symptomatic](#), Natalie Gold et al., BMC Public Health, 10th May 2021.

RESEARCH PAPERS

Pre-prints (not peer-reviewed)

[Socio-economic indicators correlate with daily mobility during the second-wave of the COVID-19 pandemic](#), Jed Long et al., SocArXiv, 2021.

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Digital contact does not promote wellbeing, but face-to-face does: a cross-national survey during the Covid-19 pandemic, Martha Newson et al., PsyArXiv Preprints, 11th May 2021.

Investigating the conservatism-disgust paradox in reactions to the COVID-19 pandemic: a critical re-examination of the interrelations between political ideology, disgust sensitivity, and pandemic response, Benjamin Ruisch et al., PsyArXiv Preprints, 11th May 2021.

Stuck in a lockdown: dreams, bad dreams, nightmares, and their relationship to stress, depression and anxiety during the COVID-19 pandemic, Elizaveta Solomonova et al., PsyArXiv Preprints, 11th May 2021.

Pandemic boredom: Predicting boredom and its consequences during self-isolation and quarantine, Erin Westgate et al., PsyArXiv Preprints, 11th May 2021.

The unbearable limitations of solo science: team science as a path for more rigorous and relevant research, Alison Ledgerwood et al., PsyArXiv Preprints, 10th May 2021.

Moral judgments impact perceived risks from COVID-19 exposure, Cailin O'Connor et al., PsyArXiv Preprints, 10th May 2021.

The Usual Suspects: How psychological motives and thinking styles predict the endorsement of well-known and COVID-19 conspiracy beliefs, Vukašin Gligorić et al., PsyArXiv Preprints, 9th April 2021.

Data acquisition, sampling, and data preparation considerations for quantitative social science research using social media data, Zeina Mneimneh et al., PsyArXiv Preprints, 16th March 2021.

Empathy predicts self-isolation behaviour acceptance during coronavirus risk exposure, Serena Petrocchi et al., PsyArXiv Preprints, 28th January 2021.

Sharp rise in vaccine hesitancy in a large and representative sample of the French population: reasons for vaccine hesitancy, Anne-Sophie Hacquin et al., PsyArXiv Preprints, 16th November 2020.

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Risk-taking unmasked: using risky choice and temporal discounting to explain COVID-19 preventative behaviours, Kaileigh A. Byrne et al., PsyArXiv Preprints, 5th November 2020.

Published

To unpack or not? Testing public health messaging about COVID-19, Olga Kostopoulou et al., Society for Medical Decision Making, no date.

The prevalence of depressive symptoms, anxiety symptoms and sleep disturbance in higher education students during the COVID-19 pandemic: A systematic review and meta-analysis, Jiawen Deng et al., Psychiatry Research, July 2021.

Assessing the nationwide impact of COVID-19 mitigation policies on the transmission rate of SARS-CoV-2 in Brazil, Daniel C.P. Jorge et al., Epidemics, June 2021.

Knowledge, barriers and facilitators regarding COVID-19 vaccine and vaccination programme among the general population: A cross-sectional survey from one thousand two hundred and forty-nine participants, Archana Kumari et al., Diabetes and Metabolic Syndrome, May-June 2021.

Visitor restrictions during the COVID-19 pandemic: An ethical case study, Irene Hartigan et al., Nursing Ethics, 13th May 2021.

Strategies to implement SARS-CoV-2 point-of-care testing into primary care settings: A qualitative secondary analysis guided by the Behaviour Change Wheel, Patrick Kierkegaard et al., Research Square, 13th May 2021.

The correlation between socioeconomic factors and COVID-19 among immigrants in Norway: a register-based study, Marte Kjøllesdal et al., Scandinavian Journal of Public Health, 13th May 2021.

Affective communication: a mixed method investigation into COVID-19 outbreak communication using the Taiwanese government Facebook page, Chia Yu Lien et al., Global Health Promotion, 13th May 2021.

Psychosocial effects of the COVID-19 pandemic and lockdown on university students: Understanding apprehensions through a phenomenographic approach, Sumbal Shahbaz et al., PLOS ONE, 13th May 2021.

Implicit theories of health, consideration of future consequences, and engagement in health protective behaviours during the COVID-19 pandemic in China, Ning Zhang et al., Journal of Health Psychology, 13th May 2021.

The epidemiological impact of the NHS COVID-19 App, Chris Wymant et al., Nature, 12th May 2021.

How is the COVID-19 lockdown impacting the mental health of parents of school-age children in the UK? A cross-sectional online survey, Austen El-Osta et al., BMJ Open, 11th May 2021.

Institutional and behaviour-change interventions to support COVID-19 public health measures: a review by the Lancet Commission Task Force on public health measures to suppress the pandemic, Jong-Koo Lee et al., International Health, 11th May 2021.

Sustained behaviour change is key to preventing and tackling future pandemics, Susan Michie et al., Nature Medicine, 10th May 2021.

Collectively coping with coronavirus: Local community identification predicts giving support and lockdown adherence during the COVID-19 pandemic, Clifford Stevenson et al., British Journal of Social Psychology, 10th May 2021.

The importance of studying the increase in suicides and gender differences during the COVID-19 pandemic, Masahito Fushimi, QJM: An International Journal of Medicine, 8th May 2021.

Using best practices to address COVID-19 vaccine hesitancy: the case for the motivational interviewing approach, Amanda Gabarda et al., Health Promotion Practice, 8th May 2021.

Impact of media-based negative and positive age stereotypes on older individuals' mental health during the COVID-19 pandemic, Becca R. Levy et al., Journals of Gerontology, Series B Psychological Sciences and Social Sciences, 8th May 2021.

The role of media sources for COVID-19 information on engaging in recommended preventive behaviours among Medicare beneficiaries aged ≥ 65 years, Boon Peng Ng et al., Journals of Gerontology, Series B Psychological Sciences and Social Sciences, 8th May 2021.

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Face mask wearing during the COVID-19 pandemic: comparing perceptions in China and three European countries, Xiang Zhao et al., Translational Behavioural Medicine, 8th May 2021.

Reimagining the peer-review system for translational health science journals, Elise M. Smith, Clinical and Translational Science, 7th May 2021.

Out of fright, out of mind: impaired memory for information negated during looming threat, Vera E. Newman et al., Cognitive Research: Principles and Implications, 7th May 2021.

COVID-19-related stigma and its sociodemographic correlates: a comparative study, Yuan et al., Global Health, 7th May 2021.

In-situ at a distance? challenges and opportunities for health and place research methods in a post-COVID-19 world, Martine Shareck et al., Health and Place, 6th May 2021.

A global public health convention for the 21st century, Johnathan H. Duff et al., Lancet Public Health, 5th May 2021.

Interventions to increase personal protective behaviours to limit the spread of respiratory viruses: A rapid evidence review and meta-analysis, Olga Perski et al., Qeios, 4th May 2021.

Coproduction and partnership with people and communities, Catherine Wilton, BMJ Leader, 4th May 2021.

A randomized controlled trial to test the effect of simplified guidance with visuals on comprehension of COVID-19 guidelines and intention to stay home if symptomatic, Natalie Gold et al., BMC Public Health, 10th May 2021.

Willingness to vaccinate against COVID-19 among Bangladeshi adults: Understanding the strategies to optimize vaccination coverage, Minhazul Abedin et al., PLOS ONE, 27th April 2021.

Loneliness, social relationships, and mental health in adolescents during the COVID-19 pandemic, Kate Cooper et al., Journal of Affective Disorders, 24th April 2021.

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Spiritual support during COVID-19 in England: a scoping study of online sources, Irena Papadopoulos et al., Journal of Religion and Health, 19th April 2021.

Inequality indices to monitor geographic differences in incidence, mortality and fatality rates over time during the COVID-19 pandemic, Kirsi Manz et al., medRxiv, 25th March 2021.

Effectiveness and resource requirements of test, trace and isolate strategies for COVID in the UK, Bobby He et al., Royal Society Open Science, 24th March 2021.

Dangerous liaisons: an online experiment on the role of scientific experts and politicians in ensuring public support for anti-COVID measures, Mike Farjam et al., Royal Society Open Science, 10th March 2021.

COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY LITERATURE

School reopenings, mobility, and COVID-19 spread: evidence from Texas, Charles J. Courtemanche et al., NBER, May 2021.

Normalizing community mask-wearing: a cluster randomized trial in Bangladesh, Jason Abaluck et al., NBER, April 2021.

WHO COVID-19 social science in outbreak response, WHO, 13th May 2021.

Socio-economic inequalities in access to planned hospital care: causes and consequences, Steven Wyatt et al., The Strategy Unit, 13th May 2021.

Quality improvement at times of crisis, Amar Shah et al., BMJ, 11th May 2021.

Fact sheet: President Biden to announce additional efforts to get America vaccinated, including free rides to vaccination sites from Lyft and Uber, vaccination clinics at community colleges, and additional resources for States' community outreach efforts, The White House, Briefing Room, 11th May 2021.

BLOGS

Is This the End? The CDC's surprising mask announcement was not just a public-health milestone, Russell Berman, The Atlantic, May 2021.

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A paradigm shift to combat indoor respiratory infection, Lidia Morawska et al., Science, 14th May 2021.

COVID vaccine hesitancy: spell out the personal rather than collective benefits to persuade people – new research, Daniel Freeman, The Conversation, 13th May 2021.

Why mental health plans are vital during Covid and beyond, Claire Owen, Trauma Treatment International, 13th May 2021.

The task of governments is not simply to build 'back' better after COVID-19, but to rebuild forward better, towards an inclusive model of economic growth, Emil Evenhuis et al., LSE, 11th May 2021.

In Covid vaccine data, L.G.B.T.Q. people fear invisibility, Jillian Kramer, The New York Times, 10th May 2021.

How good are we at predicting the pandemic?, David Spiegelhalter et al., The Guardian, 9th May 2021.

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

Putting risks into context: covid-19 vaccines and blood clots, Alexandra Freeman, BMJ, 6th May 2021.

How many COVID deaths are acceptable in a post-pandemic world?, Smriti Mallapaty, Nature, 6th May 2021.

Reflecting on the challenges and ways to enable more equal relationships in co-produced research, NIHR, 6th May 2021.

How science and society came together for the Events Research Programme, Iain Buchan, University of Liverpool, 5th May 2021.

Covid-19: How the lessons of HIV can help end the pandemic, Carrie Arnold, BMJ, 16th February 2021.

PODCASTS, WEBINARS, AND RECORDINGS

Upcoming

31st Medical Informatics Europe Conference, European Federation for Medical Informatics, 29th May 2021.

Launching the BESSI Principles, Behavioural, Environmental, Social and Systems Interventions, 27th May 2021.

Liars: falsehoods and free speech in an age of deception, School of Public Policy, LSE, 27th May 2021.

For a reparatory social science, Atlantic Fellows for Social and Economic Equity and International Inequalities Institute, LSE, 26th May 2021.

A decade of behavioural science at LSE - part 2, Department of Psychological and Behavioural Science, 19th May 2021.

[Un]truths: trust in an age of disinformation- trustworthy science advice, PERITIA Public Lectures, 18th May 2021.

Pre-recorded

Share the vaccine 'recipe', (33 min), Social Distance, The Atlantic, May 2021.

Vaccine patent debate: Choosing profits over human lives?, (25 min), The Bottom Line, Aljazeera, 13th May 2021.

World migration and displacement symposium: data, disinformation and human mobility, USA for IOM et al., May 11th 2021.

4th Virtual WHO Infodemic Management Conference: Advances in Social Listening for Public Health, WHO, 4th May 2021.

NEWSPAPER ARTICLES AND OTHER JOURNALISM

Scientists call for sweeping change in building design to reduce airborne diseases like COVID-19, Richard Read, Los Angeles Times, 13th May 2021.

Indian variant: What's causing the spike in Bolton?, Jim Reed, BBC News, 13th May 2021.

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How COVID broke the evidence pipeline, Helen Pearson, Nature, 12th May 2021.

End of England's hug 'ban' highlights confusion over law and guidance, Damien Gayle, The Guardian, 10th May 2021.

WHO, Germany launch new global hub for pandemic and epidemic intelligence, WHO, 5th May 2021.

MISCELLANEOUS

Sexual health: variation in outcomes and inequalities, Public Health England, GOV.UK, 12th May 2021.