

PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

15/05/2020

CONTENTS

Introduction.....	1
Highlights.....	2
Research papers	2
Pre-prints (not peer-reviewed).....	2
Published	3
Commentaries, statements, position papers, and grey literature	4
Blogs.....	5
Podcasts, webinars, and recordings	6
Newspaper and journalism articles	6
Miscellaneous	6

INTRODUCTION

Welcome to the second weekly literature report from the Public Health England Behavioural Science Reference Cell. This report captures a range of COVID-19 related work in the field of Behavioural Science (mostly) released from the 4th – 15th May. Whilst many of the entries are discovered by the authors own searches and therefore do not represent fully comprehensive lists, in future editions we intend to top up the research papers lists with some systematic searches of relevant databases. We have also cross-checked these lists with the Public Health England daily COVID-19 Literature Digest and we are grateful to the work of that team. Finally, it should be noted that ‘Retweets ≠ endorsements’, and inclusion of content in this report should not be seen as endorsement of any viewpoint contained therein.

If you have any suggestions for the context of the report, feedback on this mailing, or content for inclusion in future reports please email:

WNCov.behaviour@phe.gov.uk

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. [Hay Festival Digital](#), online version of the Hay Festival, various COVID-19 topics discussed. Free but registration required. Runs 22nd —31st May 2020.
2. [Applying principles of behaviour change to reduce SARS-CoV-2 transmission](#), Robert West et al., Nature Human Behaviour, 6th May 2020.
3. [A 5-point strategy for improved connection with relatives of critically ill patients with COVID-19](#), Elie Azoulay et al., The Lancet: Respiratory Medicine, 4th May 2020.

RESEARCH PAPERS

Pre-prints (not peer-reviewed)

[Crowding and the epidemic intensity of COVID-19 transmission](#), Benjamin Rader et al., medRxiv, 12th May 2020.

[The German COVID-19 Survey on Mental Health: Primary Results](#), Stefanie Jung et al., medRxiv, 12th May 2020.

[Immunity Passports for SARS-CoV-2: an online experimental study of the impact of antibody test terminology on perceived risk and behaviour](#), Jo Waller et al., medRxiv, 10th May 2020.

[COVID-19-Related Anxiety Predicts Somatic Symptoms in the UK Population](#), Martin Shevlin et al., PsyArXiv Preprints, 7th May 2020.

[Motivation and Preference in Isolation: A test of their different influences on responses to self-isolation during the COVID-19 outbreak](#), Netta Weinstein et al., PsyArXiv Preprints, 7th May 2020.

[Connecting Self-Reported Social Distancing to Real-World Behavior at the Individual and U.S. State Level](#), Anton Gollwitzer et al., PsyArXiv Preprints, 6th May 2020.

Social norms motivate COVID-19 preventive behaviors, Matthew Goldberg et al., PsyArXiv Preprints, 5th May 2020.

Psychological Stress and Gender Differences during COVID-19 Pandemic in Chinese Population, Song Kangxing et al., medRxiv preprint, 3rd May 2020.

How the COVID-19 pandemic is favoring the adoption of digital technologies in healthcare: a rapid literature review, Davide Golinelli et al., medRxiv preprint, 1st May 2020.

Defining Facets of Social Distancing during the COVID-19 Pandemic: Twitter Analysis, Jiye Kwon et al., medRxiv preprint, 1st May 2020.

Capability, opportunity and motivation to enact hygienic practices in the early stages of the COVID-19 outbreak in the UK, Jilly Miller et al., PsyArXiv Preprints, 20th April 2020.

Published

Waste in covid-19 research, Paul Glasziou et al., Editorial, BMJ, 12th May 2020.

Applying principles of behaviour change to reduce SARS-CoV-2 transmission, Robert West et al., Nature Human Behaviour, 6th May 2020.

Early Detection of Covid-19 through a Citywide Pandemic Surveillance Platform, National Academic Press, 4th May 2020. Free to download, but registration required. Covers a range of issues, including social distancing and effectiveness of fabric masks.

Mental health and COVID-19: change the conversation, Editorial, The Lancet: Psychiatry, 4th May 2020.

Community participation is crucial in a pandemic, Cicely Marson et al., The Lancet, 4th May 2020.

A 5-point strategy for improved connection with relatives of critically ill patients with COVID-19, Elie Azoulay et al., The Lancet: Respiratory Medicine, 4th May 2020.

Resilience in the face of uncertainty: early lessons from the COVID-19 pandemic, Cormac Bryce et al., Journal of Risk Research, 3rd May 2020.

Prevalence and socio-demographic correlates of psychological health problems in Chinese adolescents during the outbreak of COVID-19, Shuang-Jiang Zhou et al., European Child & Adolescent Psychiatry, 3rd May 2020.

A Nationwide Survey of Psychological Distress among Italian People during the COVID-19 Pandemic: Immediate Psychological Responses and Associated Factors, Cristina Mazza et al., International Journal of Environmental Research and Public Health, 2nd May 2020.

Impact of home quarantine on physical activity for older adults living at home during the Covid-19 pandemic: Qualitative interview study, Luc Goethals et al., JMIR Aging, 1st May 2020.

Mitigating the Psychological Impact of COVID-19 on Healthcare Workers: A Digital Learning Package, Holly Blake et al., International Journal of Environmental Research and Public Health, 26th April 2020.

Coronavirus Anxiety Scale: A brief mental health screener for COVID-19 related anxiety, Sherman Lee, Death Studies, 16th April 2020.

COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY LITERATURE

The wellbeing costs of COVID-19 in the UK, LSE, May 2020.

How Behavioral Science Can Help Contain the Coronavirus, Jocelyn Bélanger, Scientific American Opinion, 11th May 2020.

Public opinion on the COVID-19 coronavirus pandemic, Ipsos MORI collection of polls and video. 7th May 2020.

Choices for the “New Normal”, Donald Berwick, JAMA, 4th May 2020.

Face Masks for the General Public, report from the Royal Society DELVE Initiative, 4th May 2020.

What is the Health Psychology Exchange and what can it do?, Health Psychology Exchange, April 2020.

Impact of COVID-19 on the BAME community and voluntary sector, Karl Murray, The Ubele Initiative, April 2020.

[Evidence on school closure and children's social contact: useful for coronavirus disease \(COVID-19\)?](#), Michele Polettil et al., Eurosurveillance, April 2020.

[Digital innovations tested to support vulnerable people during COVID-19 outbreak](#), DHSC, 24th April 2020.

[COV.31: How do patients respond to text messaging in primary care?](#), Hugo Pedder et al., NIHR and University of Bristol, 20th April 2020.

[Using mobile data for surveillance to tackle coronavirus crisis](#), Ipsos MORI, 18th April 2020.

[Maintaining Lockdown and Preparing an Exit Strategy: A View from Social and Behavioral Sciences](#), Vincent Yzerbyt, APS, 16th April 2020.

[The potential impact of COVID-19 on mental health outcomes and the implications for service solutions](#), James Nobles et al., NIHR and University of Bristol, 15th April 2020.

[Children's story book released to help children and young people cope with COVID-19](#), WHO, 9th April 2020.

[Recommendations to Member States to improve hand hygiene practices to help prevent the transmission of the COVID-19 virus](#), WHO, 1st April 2020.

BLOGS

[Behavioural science advice to help people wear face masks safely and consistently](#), blog from the Behavioural Science Consortium, 12th May 2020.

[From 'stay at home' to 'stay alert': the importance of language in the UK government's COVID-19 response](#), Silas Scott, LSE Blog, 12th May 2020.

[Facemasks: would you wear one?](#), BI team, 11th May 2020.

[The 'precautionary principle' and face masks](#), Personal blog of Robert West, 11th May 2020.

[Why reassuring the public may not be the best way to end lockdown](#), Simon Wessely et al., Kings College London Blog, 9th May 2020.

[Making messages work](#), Claire Greszczuk, The Health Foundation, 21st April 2020.

PODCASTS, WEBINARS, AND RECORDINGS

Hay Festival Digital, online version of the Hay Festival, various COVID-19 topics discussed. Free but registration required. Runs 22nd —31st May 2020.

RSM LIVE, ongoing webinar series by The Royal Society of Medicine.

Mental Health & COVID-19, ongoing webinar series by The Lancet Psychiatry, Mental Health Innovation Network, MHPSS.net and United for Global Mental Health.

Towards the 'new normal', and beyond..., BPS webinar featuring Susan Michie, Rowena Hill, and Kathryn Scott, 5th May 2020.

BBC radio 4 'Start of the week' on changing behaviour, from bystander to actor, first broadcast on 27th April 2020.

Psychological First Aid: Addressing Mental Health Distress During Disasters, EPIC webinar, 22nd April 2020.

NEWSPAPER AND JOURNALISM ARTICLES

Transparency is key in a crisis - so why isn't the British government being straight with us?, Stephen Recisher, Guardian Opinion article, 13th May 2020.

Belgium experiments with 'corona bubbles' to ease social restrictions, The Guardian article, 10th May 2020.

Report on face masks' effectiveness for Covid-19 divides scientists, The Guardian article on the Royal Society DELVE report, 4th May 2020.

Why we fail to prepare for disasters, Tim Harford, The Financial Times, 16th April 2020.

Three key drivers of good messaging in a time of crisis: expertise, empathy and timing, Marina Joubert et al., The Conversation, 14th April 2020.

MISCELLANEOUS

COVID-19 Research Project Tracker, UKCDR and GloPID-R.

COVID-19 Primer research tracker

Coronavirus Disease (COVID-19): Psychological, Behavioral, Interpersonal Effects, and Clinical Implications for Health, Frontiers call for research.