

Belief in 5G COVID-19 conspiracy theories linked to violence, reveals study

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Psychologists at Northumbria University, Newcastle, have provided the first scientific evidence of the link between violent behavior towards the telecommunications sector and 5G COVID-19 conspiracy beliefs.

Telecommunications companies, police officials, and media outlets worldwide have suggested that 5G coronavirus conspiracies have sparked a flurry of attacks on telecoms workers and infrastructure since the start of the pandemic.

Arson attacks and cases of criminal damage to masts, cabling and other telecoms equipment have been reported in over a dozen countries across the globe, from various places in Europe, to Canada, America, and New Zealand.

In April, the BBC's Newsbeat reported on accounts of harassment and violence, even murder threats, towards telecoms engineers in the UK, due to false theories suggesting that the emergence of the virus is connected to 5G.

Previous research has shown that [conspiracy](#)

[theories](#) may be linked with violent intentions. To date, however, there have been no studies about why and when conspiracy beliefs may justify—and ignite—violence.

Now, new research from the Department of Psychology at Northumbria University has addressed these gaps. The paper has been published in the *British Journal of Social Psychology*, online today.

Investigating the psychological links

Dr. Daniel Jolley and Dr. Jenny Paterson explored the association between beliefs in 5G COVID-19 conspiracy theories and the justification and willingness to use violence in response to the alleged link between 5G and COVID-19.

The researchers assessed 601 UK participants' levels of 5G COVID-19 conspiracy beliefs, 'state [anger](#)' – which is temporary, short-lasting outbursts of anger, and levels of paranoia. Here, paranoia refers to participants' belief that there is hostile intent towards them personally—as opposed to the conspiratorial belief that powerful organizations are harming society at large.

Additionally, participants were asked questions about whether they thought violence was a justified response to the alleged link between 5G mobile technology and COVID-19. Participants similarly stated how likely they would be to engage in such behaviors.

The findings revealed that [belief](#) in 5G COVID-19 conspiracy theories was positively correlated with state anger. In turn, this state anger was associated with a greater justification of violence in response to a supposed connection between 5G mobile technology and COVID-19.

Alongside this, the results highlighted a greater intent to engage in similar behaviors in the future in

those who subscribed to conspiratorial beliefs.

All of these associations were strongest for those who reported higher levels of paranoia.

The psychologists' research also indicates that these patterns are not specific to 5G conspiratorial beliefs: general conspiracy theorizing was linked to justification and willingness to engage in violent behavior more generally because such theorizing was associated with increased state anger. Furthermore, the link between this conspiratorial induced anger was most strongly associated with the justification of violence for participants who were most paranoid.

Dr. Daniel Jolley, a Senior Lecturer in Psychology, said: "Disconcertingly, the consequences of conspiracy theories are significant and wide-ranging. Our novel findings extend our understanding and provide the first empirical link between 5G COVID-19 conspiracy beliefs and violent reactions, alongside uncovering why (anger) and when (paranoia) conspiracy beliefs may justify the use of violence."

Dr. Jenny Paterson, Senior Lecturer in Psychology, said, "These findings are notable because of their possible practical implications. As conspiracy beliefs can be resistant to change, our research suggests that targeting the link between anger and violence may be an effective initial approach to mitigate the relationships between [conspiracy](#) beliefs, anger and [violence](#)."

More information: Daniel Jolley et al. Pylons ablaze: Examining the role of 5G COVID-19 conspiracy beliefs and support for violence, *British Journal of Social Psychology* (2020). DOI: [10.1111/bjso.12394](https://doi.org/10.1111/bjso.12394)

Provided by Northumbria University

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