

NEWS RELEASE

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At the start of the pandemic, young Singaporeans regarded COVID-19 as a threat to the older generation but not to themselves, finds NTU Singapore study

During the early stages of the COVID-19 outbreak, young Singaporeans understood the infectious disease to be risky for their parents and older relatives, but not themselves, a **Nanyang Technological University, Singapore** (NTU Singapore) study has found.

Young Singaporeans were more concerned about the dangers of fake news surrounding COVID-19 rather than the health threat posed by the disease and believed misinformation about the pandemic affected the older generation more than them.

The study led by NTU Singapore's **Associate Professor Edson Tandoc Jr** and researcher **James Lee Chong Boi** involved eight focus group discussions with 89 participants aged 21 to 27.

The discussions were held in early February, two months after the first COVID-19 case in the world was confirmed in China last year. Singapore saw its first case in January. At the start of the study, 24 cases here had been confirmed, increasing to 74 by the time the last focus group discussion was conducted. China's numbers were rising exponentially and South Korea had started reporting a steady rise in its number of cases.

Through the focus groups, the two authors from NTU's **Wee Kim Wee School of Communication and Information** (WKWSCI) found that rather than actively seeking information about COVID-19, many young adults got their news about the virus from social media platforms and messaging platforms such as WhatsApp.

This in turn shaped their view that the virus was risky for older generations but not for themselves, which in turn shaped their behavioural response to the outbreak, such as not wearing face masks, which was not mandated in the early stages of the outbreak.

Assoc Prof Tandoc, who led the study, said: “Studying initial public reaction towards a health crisis like the COVID-19 pandemic could guide practitioners and social policy makers on how to handle the outbreak in the long term. An important consideration from these findings is how to make young people who think they are not prone to COVID-19 to be still engaging in proactive behaviours against the virus. This is even more important during the initial phase of the pandemic, where credible information about the new virus was scarce.

“The results also document how making sense of what is happening in the early stages of a health crisis can go beyond the disease itself and focus more on social order and information quality, which can also shape behaviours. This process of sensemaking, shaped young Singaporeans’ initial view that they are not vulnerable to the virus. This also might explain why some young people, such as those reported in other countries, continued to engage in risky behaviour, like going to the beach or partying, during the pandemic.”

The study was published in the peer-reviewed academic journal *New Media & Society* in October.

When misinformation becomes viral

Like in other countries, the COVID-19 outbreak in Singapore was accompanied by an ‘infodemic’ – a wave of fake news about the pandemic – from messages claiming malls and MRT stations were closed due to suspected cases, to various home remedies to protect oneself from the virus, such as drinking sesame oil. Such misinformation could undermine global response to the crisis and jeopardise health warnings and precautionary measures employed by health officials in containing the disease, said the researchers.

Perceiving the virus as not a big threat to their age group, the participants said that they were more focused on combating the spread of misinformation. The young adults felt the COVID-19 falsehoods affected their parents and older relatives more than themselves. Many of these instances of information sharing were facilitated by messaging apps, such as WhatsApp, the most popular messaging app in Singapore.

One respondent cited generational differences as a factor. His generation would seek to verify a piece of new information, such as a list of ‘COVID-19 hotspots’ that would later be debunked as a falsehood, rather than to accept it without question. But his parents’ generation would change their behaviour based solely on the information, taking a “just-in-case” approach instead.

Assoc Prof Tandoc said: “It was interesting to hear how participants felt the need to actively protect their parents and older relatives from misinformation about COVID-19.

This contributed to how they made sense of the outbreak, understanding it more as an issue of social order that involves tackling misinformation so people would not panic, than as a health risk.

“Fighting misinformation is particularly crucial in a time like this, when information flows quickly through channels like social media and messaging apps, to protect not just ourselves but also others in the community. It is therefore important for us to keep an eye not only on the public’s information behaviour, but also on the quality of information flowing through various channels – an effort that the work my colleagues and I are doing at WKWSCI seeks to contribute to.”

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Note to Editors:

Paper ‘[*When viruses and misinformation spread: How young Singaporeans navigated uncertainty in the early stages of the COVID-19 outbreak*](#)’ published in *New Media & Society*. October 2020.

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About Nanyang Technological University, Singapore

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NTU is also home to world-class autonomous institutes – the National Institute of Education, S Rajaratnam School of International Studies, Earth Observatory of Singapore, and Singapore Centre for Environmental Life Sciences Engineering – and various leading research centres such as the Nanyang Environment & Water Research Institute (NEWRI) and Energy Research Institute @ NTU (ERI@N).

Ranked amongst the world's top universities by QS, NTU has also been named the world's top young university for the past seven years. The University's main campus is frequently listed among the Top 15 most beautiful university campuses in the world and has 57 Green Mark-certified (equivalent to LEED-certified) buildings, of which 95% are certified Green Mark Platinum. Apart from its main campus, NTU also has a campus in Novena, Singapore's healthcare district.

Under the NTU Smart Campus vision, the University harnesses the power of digital technology and tech-enabled solutions to support better learning and living experiences, the discovery of new knowledge, and the sustainability of resources.

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