

Science information is not permanent but tentative

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Fake news is not a recent problem. Archaeologists discovered that fake news existed 3000 years ago (2). The discovery shows that Pharaoh Ramses II was an expert in 'fake news' rather than a great warrior (2). Harold Szu commented that the science is brittle, evolves just like evolution: the survival, the fittest (3). Scientific information is not robust/permanent but fragile. In other words, science information might be temporarily fake. Once the lay public misinterpreted such science information, it may be hard to change their misinterpretations. It is extremely hard to classify fake news since today's fake news might become true in the future. Contrarily, today's true news might be false in the near future. All scientists must understand that scientific information is not permanent but tentative as of today.

References:

1. David M. J. Lazer et al., "The science of fake news," *Science* 09 Mar 2018: Vol. 359, Issue 6380, pp. 1094-1096
2. Ivan Petricevic, "Archaeologists Find 'Fake News' Existed Some 3,000 Years Ago Thanks To Ramses The Great,"
<https://ancient-code.com/archaeologists-find-fake-news-existed-some-3000-years-ago-thanks-to-ramses-the-great/>
3. Harold Szu's comment through ResearchGate to "Science is not robust but fragile," *Science* (eLetter, 2 Nov. 2017)
<http://science.sciencemag.org/content/358/6362/427/tab-e-letters>