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Current Issues and Advances in Misinformation Research

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What is This?

Current Issues and Advances in Misinformation Research

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Abstract Е _ _ _ а, ar.a.a,.Aa. а гр., р, **,** a. , a, , pa ., . -, a. аааг,а.,...,. г., г a ____,a___, ----, a. . l. _ a, _ , , a. P, r, a a ₽ . -**,** a. **.** a, , r rtr -, ī, a app, a , , a p, . га -- , - , a.W a ara... . , a. a, . . a,

Keywords

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T ent -five people died hen a Metrolink commuter train collided ith a Union Pacific freight train near Los Angeles in September of 2008 (Steinhauer, 2008). With millions of dollars in la suit pa outs at stake, federal accident authorities

neuroimaging is elaborate and cutting edge, it has et to provide a sure-fire a to confidentl judge hether or not a particular person's memor is accurate.

Protecting Against Misinformation Effects

Not surprisingl, some effort has been focused on a s to protect against the distorting effect of misinformation. One technique for improving the accurac and completeness of an e e itness's recollection is kno n as the 1 1 a set of rules and guidelines for intervie ing e e itnesses (see Wells, Memon, & Penrod, 2006, for a revie). The CI recommends, for e ample, the use of free recall, conte tual cues, temporal ordering of events, and recalling the event from a variet of perspectives (such as from a perpetrator's point of vie). Also, the CI recommends that investigators avoid suggestive questioning, develop rapport ith the itness, and discourage itnesses from guessing. In one recent stud, subjects vie ed an 8-minute film depicting a robber (Memon, Zarago a, Clifford, & Kidd, 2009). Later, subjects ere given either a CI or a free-response control intervie , follo ed b suggestive questioning about events not depicted in the film. Results indicated that, consistent ith earlier findings, the CI produced more correct details than did the free-response procedure. One eek after the intervie procedure, subjects ere given a recognition test for items in the video, and subjects incorporated details from the suggestive questioning into their memor for the event. Results sho ed that the CI deterred the effects of suggestion, but onl hen it came the suggestive intervie . Though the investigative process ould ideall be free of all suggestive influence, a properl implemented cognitive intervie ma help protect the integrit of an e e itness's memor .

Related Lines of Research

In addition to the classic misinformation paradigm, researchers have developed other a s to demonstrate that even the subtlest suggestions can produce astonishing false itness reports. For instance, a handful of studies have emerged in hich subjects are simple asked if the have seen video footage of ell-kno n ne s events, hen in fact no such video footage e ists. One stud found that 40% of a British sample as illing to report having seen none istent footage of a bus e ploding in the 2005 London terrorist attacks (Ost, Granhag, Udell, & Hjelmsater, 2008). Of the subjects ho claimed the sa the footage, 35% described memories of details that the could not have seen. Another stud (Sjoden, Granhag, Ost, & Hjelmsater, 2009) found that 64% of a S edish sample claimed to have seen none istent video footage of an attack on the S edish foreign minister, and 19% ent on to describe details in the form of ritten narratives. The ease ith hich these studies elicited blatantl false memor reports is striking.

Research has also sho n that suggestion can also shape autobiographical memor . Beginning ith Loftus and Pickrell's Lost in the Mall stud (1995), a series of studies have successfull used personali ed suggestion (or other suggestive techniques) to plant false memories of traumatic childhood events (Porter, Yuille, & Lehman, 1999), receiving a painful enema (Hart & Schooler, 2006), and even impossible events such as meeting Bugs Bunn a Warner Brothers character at Disne land (Braun, Ellis, & Loftus, 2002). These lines of research represent a broad area in their o n right, ith controversies and applications that are be ond the scope of this Loftus, E.F., & Pickrell, J.E. (1995). The formation of false memories.