

# YouTube PSAs: Comments more persuasive than videos

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Professor Joseph Walther led an MSU research project that found that comments accompanying YouTube public service announcements were more persuasive to viewers than the videos themselves

(PhysOrg.com) -- Michigan State University researchers, studying public service announcements placed on YouTube about marijuana use, have found that the comments accompanying the PSAs are more influential among viewers than the videos themselves.

The researchers showed four anti-marijuana PSAs, and the accompanying comments, to college [students](#) and asked for their evaluations of the PSAs and their attitudes about marijuana.

What was found was that negative, derisive comments about the [video](#) led the students to perceive the video as worse than when the comments

were positive, even though they watched the videos individually. And when students identified with the anonymous commenters, the comments affected their perceptions of marijuana's harmful effects.

"Generally, the comments changed people's attitudes more than the variations of the videos," said Joseph Walther, a professor in the Department of Telecommunication, Information Studies and Media, and the Department of Communication, who led the research.

Results of the research were published in a recent edition of the journal *Human Communication Research*.

"We were somewhat surprised that it affected people's marijuana [attitudes](#)," Walther said. "We thought people would already have opinions about [marijuana](#) and that a set of comments on a [YouTube](#) page would not influence them. But we were wrong."

What wasn't surprising, Walther said, was that many of the research subjects were swayed by opinions offered by anonymous viewers.

"The theory is that when you don't know about the person who is communicating with you as an individual, the more you assume that you're just like them," he said. "It's kind of a crowd effect. But if you knew who these individuals were, that crowd effect would go away."

About 150 college-age students were shown four anti-marijuana PSAs, some more visually interesting, some more compelling than others. The students were also shown the comments and then asked to fill out a questionnaire assessing the video.

"Perceptions of the videos' quality," Walther said, "were affected by the positive or negative nature of the [comments](#)."

Other members of the research team included MSU epidemiology professor James Anthony, and MSU doctoral students David DeAndrea and Jinsuk Kim.

To see the PSAs that were viewed by study participants, visit:

[www.youtube.com/watch?v=PI\\_PmMK0v8](http://www.youtube.com/watch?v=PI_PmMK0v8) ;  
[www.youtube.com/watch?v=2igbXWmzt6U](http://www.youtube.com/watch?v=2igbXWmzt6U) ;  
[www.youtube.com/watch?v=m9oS0DG7E9w](http://www.youtube.com/watch?v=m9oS0DG7E9w); or  
[www.youtube.com/watch?v=Rkj7uAQ8YV8](http://www.youtube.com/watch?v=Rkj7uAQ8YV8) .

Provided by Michigan State University

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