

# Health Communication Science Digest

Office of the Associate Director for Communication

November 2018 -- Vol. 9, Issue 11e

To enhance awareness of emerging health communication and marketing scientific knowledge, the Science Team in the Office of the Associate Director for Communication at the Centers for Disease Control and Prevention frequently undertakes an extensive scan of the expert literature. Recent publications with particular relevance for the public health communication community are detailed here.

Abstracts and PDF copies of most articles are available through the DOI hyperlink included with each citation. In some cases, however, the DOI hyperlink will not work or the publisher charges for the article. The help of your local library staff may be required in such circumstances to secure access to some publications.

Please share your comments or questions with us. Contact [HCSD@cdc.gov](mailto:HCSD@cdc.gov).

## Articles of Interest

- ❖ Ahmed, N., Quinn, S. C., Hancock, G. R., Freimuth, V. S., & Jamison, A. (2018). Social media use and influenza vaccine uptake among White and African American adults. *Vaccine*, 36(49), 7556-7561. doi:[10.1016/j.vaccine.2018.10.049](https://doi.org/10.1016/j.vaccine.2018.10.049)
- ❖ Allen, C. G., Andersen, B., Khoury, M. J., & Roberts, M. C. (2018). Current Social Media Conversations about Genetics and Genomics in Health: A Twitter-Based Analysis. *Public Health Genomics*, 1-7. doi:[10.1159/000494381](https://doi.org/10.1159/000494381)
- ❖ Allen, M. P. (2018). Chronicling the Risk and Risk Communication by Governmental Officials During the Zika Threat. *Risk Anal.* doi:[10.1111/risa.13232](https://doi.org/10.1111/risa.13232)
- ❖ Ayers, J. W., Dredze, M., Leas, E. C., Caputi, T. L., Allem, J. P., & Cohen, J. E. (2018). Next generation media monitoring: Global coverage of electronic nicotine delivery systems (electronic cigarettes) on Bing, Google and Twitter, 2013-2018. *PLoS One*, 13(11), e0205822. doi:[10.1371/journal.pone.0205822](https://doi.org/10.1371/journal.pone.0205822)
- ❖ Calo, W. A., Gilkey, M. B., Malo, T. L., Robichaud, M., & Brewer, N. T. (2018). A content analysis of HPV vaccination messages available online. *Vaccine*, 36(49), 7525-7529. doi:[10.1016/j.vaccine.2018.10.053](https://doi.org/10.1016/j.vaccine.2018.10.053)
- ❖ Castro, I. A., Majmundar, A., Williams, C. B., & Baquero, B. (2018). Customer Purchase Intentions and Choice in Food Retail Environments: A Scoping Review. *Int J Environ Res Public Health*, 15(11). doi: [10.3390/ijerph15112493](https://doi.org/10.3390/ijerph15112493)
- ❖ Freeman, A. L. J., & Spiegelhalter, D. J. (2018). Communicating health risks in science publications: time for everyone to take responsibility. *BMC Med*, 16(1), 207. doi:[10.1186/s12916-018-1194-4](https://doi.org/10.1186/s12916-018-1194-4)
- ❖ Guignard, R., Gallopel-Morvan, K., Mons, U., Hummel, K., & Nguyen-Thanh, V. (2018). Impact of a negative emotional antitobacco mass media campaign on French smokers: a longitudinal study. *Tob Control*, 27(6), 670-676. doi:[10.1136/tobaccocontrol-2017-053936](https://doi.org/10.1136/tobaccocontrol-2017-053936)



- ❖ He, X., Schifferdecker, K. E., Ozanne, E. M., Tosteson, A. N. A., Woloshin, S., & Schwartz, L. M. (2018). How Do Women View Risk-Based Mammography Screening? A Qualitative Study. *J Gen Intern Med*, 33(11), 1905-1912. doi:[10.1007/s11606-018-4601-9](https://doi.org/10.1007/s11606-018-4601-9)
- ❖ Hoppe, T. (2018). "Spanish Flu": When Infectious Disease Names Blur Origins and Stigmatize Those Infected. *Am J Public Health*, 108(11), 1462-1464. doi:[10.2105/ajph.2018.304645](https://doi.org/10.2105/ajph.2018.304645)
- ❖ Jha, A., Lin, L., Short, S. M., Argentini, G., Gamhewage, G., & Savoia, E. (2018). Integrating emergency risk communication (ERC) into the public health system response: Systematic review of literature to aid formulation of the 2017 WHO Guideline for ERC policy and practice. *PLoS One*, 13(10), e0205555. doi:[10.1371/journal.pone.0205555](https://doi.org/10.1371/journal.pone.0205555)
- ❖ Ju, I., Park, T., & Ohs, J. E. (2018). Consumer Engagement with Prescription Medicine Decisions: Influences of Health Beliefs and Health Communication Sources. *Health Commun*, 1-13. doi:[10.1080/10410236.2018.1545336](https://doi.org/10.1080/10410236.2018.1545336)
- ❖ Juarbe-Rey, D., Perez, A. O., Santoni, R., Ramirez, M. R., & Vera, M. (2018). Using Risk Communication Strategies for Zika Virus Prevention and Control Driven by Community-Based Participatory Research. *Int J Environ Res Public Health*, 15(11). doi: [10.3390/ijerph15112505](https://doi.org/10.3390/ijerph15112505)
- ❖ Margolis, M. A., Brewer, N. T., Shah, P. D., Calo, W. A., & Gilkey, M. B. (2018). Stories about HPV vaccine in social media, traditional media, and conversations. *Prev Med*, 118, 251-256. doi:[10.1016/j.ypmed.2018.11.005](https://doi.org/10.1016/j.ypmed.2018.11.005)
- ❖ McMullan, R. D., Berle, D., Arnaez, S., & Starcevic, V. (2018). The relationships between health anxiety, online health information seeking, and cyberchondria: Systematic review and meta-analysis. *J Affect Disord*, 245, 270-278. doi:[10.1016/j.jad.2018.11.037](https://doi.org/10.1016/j.jad.2018.11.037)
- ❖ Nan, X., Daily, K., Richards, A., Holt, C., Wang, M. Q., Tracy, K., & Qin, Y. (2018). The role of trust in health information from medical authorities in accepting the HPV vaccine among African American parents. *Hum Vaccin Immunother*, 1-9. doi:[10.1080/21645515.2018.1540825](https://doi.org/10.1080/21645515.2018.1540825)
- ❖ Wirz, C. D., Xenos, M. A., Brossard, D., Scheufele, D., Chung, J. H., & Massarani, L. (2018). Rethinking Social Amplification of Risk: Social Media and Zika in Three Languages. *Risk Anal*. doi:[10.1111/risa.13228](https://doi.org/10.1111/risa.13228)
- ❖ Yoo, W., Paek, H. J., & Hove, T. (2018). Differential Effects of Content-Oriented Versus User-Oriented Social Media on Risk Perceptions and Behavioral Intentions. *Health Commun*, 1-11. doi:[10.1080/10410236.2018.1545169](https://doi.org/10.1080/10410236.2018.1545169)

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