

Health Communication Science Digest

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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.

Articles of Interest

- ❖ Alcalá, H. E., Sharif, M. Z., & Morey, B. N. (2017). Misplaced Trust: Racial Differences in Use of Tobacco Products and Trust in Sources of Tobacco Health Information. *Nicotine Tob Res*, 19(10), 1199-1208. doi:[10.1093/ntr/ntx080](https://doi.org/10.1093/ntr/ntx080)
- ❖ Arendt, F., Hauck, P., Mayr, J., & Negwer, F. (2017). Anti-Stigma HIV-Related Social Advertising: No Evidence for Side Effects on Condom Use. *Health Commun*, 1-4. doi:[10.1080/10410236.2017.1384435](https://doi.org/10.1080/10410236.2017.1384435)
- ❖ Bailey, R. L. (2017). Influencing Eating Choices: Biological Food Cues in Advertising and Packaging Alter Trajectories of Decision Making and Behavior. *Health Commun*, 32(10), 1183-1191. doi:[10.1080/10410236.2016.1214222](https://doi.org/10.1080/10410236.2016.1214222)
- ❖ Dutta, M., Sastry, S., Dillard, S., Kumar, R., Anaele, A., Collins, W., . . . Spinetta, C. (2017). Narratives of Stress in Health Meanings of African Americans in Lake County, Indiana. *Health Commun*, 32(10), 1241-1251. doi:[10.1080/10410236.2016.1204583](https://doi.org/10.1080/10410236.2016.1204583)
- ❖ Ellingson, M. K., Bonk, C. M., & Chamberlain, A. T. (2017). A survey-based study of Zika virus communication preferences among pregnant women in Georgia, United States. *BMC Pregnancy Childbirth*, 17(1), 325. doi:[10.1186/s12884-017-1516-0](https://doi.org/10.1186/s12884-017-1516-0)
- ❖ Freimuth, V. S., Jamison, A. M., An, J., Hancock, G. R., & Quinn, S. C. (2017). Determinants of trust in the flu vaccine for African Americans and Whites. *Soc Sci Med*, 193, 70-79. doi:[10.1016/j.socscimed.2017.10.001](https://doi.org/10.1016/j.socscimed.2017.10.001)
- ❖ Hendriks, H., & Janssen, L. (2017). Frightfully funny: combining threat and humour in health messages for men and women. *Psychol Health*, 1-20. doi:[10.1080/08870446.2017.1380812](https://doi.org/10.1080/08870446.2017.1380812)



- ❖ Hoffner, C. A., & Cohen, E. L. (2017). Mental Health-Related Outcomes of Robin Williams' Death: The Role of Parasocial Relations and Media Exposure in Stigma, Help-Seeking, and Outreach. *Health Commun*, 1-10. doi:[10.1080/10410236.2017.1384348](https://doi.org/10.1080/10410236.2017.1384348)
- ❖ Jalloh, M. F., Robinson, S. J., Corker, J., Li, W., Irwin, K., Barry, A. M., . . . Bunnell, R. (2017). Knowledge, Attitudes, and Practices Related to Ebola Virus Disease at the End of a National Epidemic - Guinea, August 2015. *MMWR Morb Mortal Wkly Rep*, 66(41), 1109-1115. doi:[10.15585/mmwr.mm6641a4](https://doi.org/10.15585/mmwr.mm6641a4)
- ❖ Jang, S. M., McKeever, B. W., McKeever, R., & Kim, J. K. (2017). From Social Media to Mainstream News: The Information Flow of the Vaccine-Autism Controversy in the US, Canada, and the UK. *Health Commun*, 1-8. doi:[10.1080/10410236.2017.1384433](https://doi.org/10.1080/10410236.2017.1384433)
- ❖ Janssen, E., Ruiter, R. A. C., & Waters, E. A. (2017). Combining risk communication strategies to simultaneously convey the risks of four diseases associated with physical inactivity to socio-demographically diverse populations. *J Behav Med*. doi:[10.1007/s10865-017-9894-3](https://doi.org/10.1007/s10865-017-9894-3)
- ❖ Kang, H., & Lee, M. J. (2017). Designing Anti-Binge Drinking Prevention Messages: Message Framing vs. Evidence Type. *Health Commun*, 1-9. doi:[10.1080/10410236.2017.1372046](https://doi.org/10.1080/10410236.2017.1372046)
- ❖ Kaye, S. A., White, M. J., & Lewis, I. (2017). The use of neurocognitive methods in assessing health communication messages: A systematic review. *J Health Psychol*, 22(12), 1534-1551. doi:[10.1177/1359105316630138](https://doi.org/10.1177/1359105316630138)
- ❖ Kim, S., Pjesivac, I., & Jin, Y. (2017). Effects of Message Framing on Influenza Vaccination: Understanding the Role of Risk Disclosure, Perceived Vaccine Efficacy, and Felt Ambivalence. *Health Commun*, 1-10. doi:[10.1080/10410236.2017.1384353](https://doi.org/10.1080/10410236.2017.1384353)
- ❖ Klemm, C., Hartmann, T., & Das, E. (2017). Fear-Mongering or Fact-Driven? Illuminating the Interplay of Objective Risk and Emotion-Evoking Form in the Response to Epidemic News. *Health Commun*, 1-10. doi:[10.1080/10410236.2017.1384429](https://doi.org/10.1080/10410236.2017.1384429)
- ❖ Kowitt, S., Sheeran, P., Jarman, K. L., Ranney, L. M., Schmidt, A. M., Noar, S. M., . . . Goldstein, A. O. (2017). Cigarette constituent health communications for smokers: impact of chemical, imagery, and source. *Nicotine Tob Res*. doi:[10.1093/ntr/ntx226](https://doi.org/10.1093/ntr/ntx226)
- ❖ Macias, W., Lee, M., & Cunningham, N. (2017). Inside the Mind of the Online Health Information Searcher using Think-Aloud Protocol. *Health Commun*, 1-12. doi:[10.1080/10410236.2017.1372040](https://doi.org/10.1080/10410236.2017.1372040)
- ❖ O'Donnell, N. H., & Willoughby, J. F. (2017). Photo-sharing social media for eHealth: analysing perceived message effectiveness of sexual health information on Instagram. *J Vis Commun Med*, 1-11. doi:[10.1080/17453054.2017.1384995](https://doi.org/10.1080/17453054.2017.1384995)
- ❖ Okan, Y., Stone, E. R., & Bruine de Bruin, W. (2017). Designing Graphs that Promote Both Risk Understanding and Behavior Change. *Risk Anal*. doi:[10.1111/risa.12895](https://doi.org/10.1111/risa.12895)
- ❖ Oliver-Williams, C., Brown, E., Devereux, S., Fairhead, C., & Holeman, I. (2017). Using Mobile Phones to Improve Vaccination Uptake in 21 Low- and Middle-Income Countries: Systematic Review. *JMIR Mhealth Uhealth*, 5(10), e148. doi:[10.2196/mhealth.7792](https://doi.org/10.2196/mhealth.7792)
- ❖ Persoskie, A., Hennessy, E., & Nelson, W. L. (2017). US Consumers' Understanding of Nutrition Labels in 2013: The Importance of Health Literacy. *Prev Chronic Dis*, 14, E86. doi:[10.5888/pcd14.170066](https://doi.org/10.5888/pcd14.170066)



- ❖ Sontag, J. M., & Barnes, S. R. (2017). The visual framing of graphics when used in preventative health digital news packages: exploring the use of a narrative structure as the message infrastructure. *J Vis Commun Med*, 1-11. doi:[10.1080/17453054.2017.1366824](https://doi.org/10.1080/17453054.2017.1366824)
- ❖ Strelakova, Y. A., & Krieger, J. L. (2017). Beyond Words: Amplification of Cancer Risk Communication on Social Media. *J Health Commun*, 22(10), 849-857. doi:[10.1080/10810730.2017.1367336](https://doi.org/10.1080/10810730.2017.1367336)
- ❖ Zhao, Y., & Zhang, J. (2017). Consumer health information seeking in social media: a literature review. *Health Info Libr J*. doi:[10.1111/hir.12192](https://doi.org/10.1111/hir.12192)

