

Documents on a U.S. National Academies of Sciences Event

Arthur M. Sackler Colloquium on Advancing the Science and Practice of Science Communication: Misinformation about Science in the Public Sphere

Introduction

Misinformation about science in the public sphere

Dietram A. Scheufele, Andrew J. Hoffman, Liz Neeley, and Czerne M. Reid

Colloquium Papers

Misinformation and public opinion of science and health: Approaches, findings, and future directions

Michael A. Cacciatore

Measuring the news and its impact on democracy

Duncan J. Watts, David M. Rothschild, and Markus Mobius

Misinformation in and about science

Jevin D. West and Carl T. Bergstrom

Why the backfire effect does not explain the durability of political misperceptions

Brendan Nyhan

The narrative truth about scientific misinformation

Michael F. Dahlstrom

A scientific theory of gist communication and misinformation resistance, with implications for health, education, and policy

Valerie F. Reyna

Emotion and humor as misinformation antidotes

Sara K. Yeo and Meaghan McKasy

(Mis)informed about what? What it means to be a science-literate citizen in a digital world

Emily L. Howell and Dominique Brossard
