

Volume 1, Number 3, Trust in Science and the Media**Call for Research Papers, Case Studies, Reviews, and Opinions**

Issue Editor: Mark Allen Schumacher, Northwestern University

Description

Data Science Quarterly lies at the intersection of data science and journalism. We seek writers who use data to strengthen their stories—databases, tables, graphs, maps, visualizations, traditional statistics, machine learning, and contemporary information technology. Journalists informed by data science can provide a more complete picture of the world through clear, evidence-based communication coupled with data analysis, models, and interpretation.

Journalists build trust in science and the media through investigative reporting and accurate, factual presentation of research results. Journalists informed by data science can explain analytics and models in words the public understands. Journalists can espouse the scientific method, writing articles guided by trustworthy research and analysis. For this issue of *Data Science Quarterly*, we are especially interested in articles that examine reporting on science, both pure and applied.

Suggested Topics

This issue of *Data Science Quarterly* examines what many see as an erosion of trust in science and the media. The following list of questions is intended to stimulate thought, not to limit the range of topics covered:

- Who or what are the most trusted sources in today's media landscape?
- How have misinformation and disinformation affected trust in science and the media?
- To what extent have academic movements such as postmodernism affected the public's trust in science?
- Are public schools doing an adequate job of teaching the scientific method?
- What constitutes best practice in medical and public health reporting?
- How has the pandemic affected the role of data science in the media? Has it changed the nature of scientific reporting?
- Are there instances in which political or economic forces have interfered with reporting on scientific research, including medical and public health reporting?
- What should we expect for the future of investigative journalism?

Submission Guidelines

Each issue of *Data Science Quarterly* includes research papers, case studies, reviews, and opinions. Here are suggested word counts within sections:

- Research Papers: no more than 6,000 words, excluding tables, figures, and reference list
- Case Studies: 500 to 1,200 words, may include tables, figures, and links to data sources
- Opinions: 800 words maximum, no figures or tables, and no more than three references
- Reviews: 500 to 1,000 words

All work must be original, not previously published, and not currently considered for publication elsewhere. Co-authors and entities involved (including previously published tables and figures) must have permission and approval for the submission to be accepted.

Submit articles as MS Word or plain text files using *The Chicago Manual of Style* (17th edition) as a style guide. See chapter 15 of that manual for author-date text citations and reference lists. After the second phase of reviews, authors will be provided with additional guidelines. Submit content by emailing the addresses below and attaching article file(s):

Research study: research@data-science-quarterly.com

Case study: cases@data-science-quarterly.com

Book, software, or data set reviews: reviews@data-science-quarterly.com

Opinions/op-eds: opinions@data-science-quarterly.com

General questions and comments may be submitted to info@data-science-quarterly.com.

Submissions for the Trust in Science and the Media issue should be made prior to July 16, 2021. Notification of acceptance from first reviewers will be given within two weeks of submission. Completion of any necessary edits will be expected to occur within one week after notification of acceptance.

About *Data Science Quarterly*

Data Science Quarterly promotes data science as a discipline, showing its relevance to social and political discourse. *Data Science Quarterly* combines the best attributes of academic journals and popular news magazines. Its articles draw on high-quality empirical research written in clear, concise language that anyone can understand.

The print version of *Data Science Quarterly*, volume 1, issue 3, will be available after August 2021, with printed paperbound copies available for distribution in the United States and with electronic file downloads available worldwide. Articles are organized under four major sections:

- The **Opinion** section comprises op-eds;
- The **Research** section presents research studies as appropriate for peer-reviewed academic journals;
- The **Cases** section describes practical problems, setting the stage for subsequent research; and
- The **Reviews** section includes commentary on books, software, and data sources.

Example articles are available through the online version of *Data Science Quarterly* at www.data-science-quarterly.com. The online version is free for all Internet users.

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