# COVID-19

# A RESEARCH METHODS BIBLIOGRAPHY

Mauro F. Guillén
The Wharton School
<a href="mailto:guillen@wharton.upenn.edu">guillen@wharton.upenn.edu</a>
(Assisted by Alejandro Ridruejo)

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#### **General Sources**

American Psychological Association, "Pandemics." https://www.apa.org/practice/programs/dmhi/research-information/pandemics

American Sociological Association, "COVID-19 Resources for Sociologists." <a href="https://www.asanet.org/news-events/asa-news/covid-19-resources-sociologists">https://www.asanet.org/news-events/asa-news/covid-19-resources-sociologists</a>

Cape, Pete, "Research in the Time of COVID-19: Can I Switch Data Collection Methods?"

 $\underline{https://www.dynata.com/research-in-the-time-of-covid-19-can-i-switch-data-collection-methods/}$ 

Clay, Rebecca, "Conducting Research During the COVID-19 Pandemic." American Psychological Association (March 19, 2020).

https://www.apa.org/news/apa/2020/03/conducting-research-covid-19

Cornwall, Warren, "Social Scientists Scramble to Study Pandemic, in Real Time." *Science* (April 8, 2020).

https://www.sciencemag.org/news/2020/04/social-scientists-scramble-study-pandemic-real-time

Parry, Marc, "As Coronavirus Spreads, Universities Stall Their Research to Keep Human Subjects Safe." *Chronicle of Higher Education* (March 18, 2020). https://www.chronicle.com/article/As-Coronavirus-Spreads/248274

"Strategic Responses to the Crisis." *Strategic Management Journal* <a href="https://onlinelibrary.wiley.com/doi/toc/10.1002/(ISSN)1097-0266.strategic-responses-to-crisis">https://onlinelibrary.wiley.com/doi/toc/10.1002/(ISSN)1097-0266.strategic-responses-to-crisis</a>

## **Research Design**

"Natural and Quasi Experiments." <a href="https://www.sagepub.com/sites/default/files/upm-binaries/33935\_Chapter13.pdf">https://www.sagepub.com/sites/default/files/upm-binaries/33935\_Chapter13.pdf</a>

Leatherdale, Scott T., "Natural experiment methodology for research: A review of how different methods can support real-world research." *International Journal of Social Research Methodology* 22(1) (2019):19-35, DOI: 10.1080/13645579.2018.1488449

https://www.tandfonline.com/doi/full/10.1080/13645579.2018.1488449

Wing, Coady, et al., "Designing Difference in Difference Studies: Best Practices for Public Health Policy Research." *Annual Review of Public Health* 39(2019): 453-469. https://www.annualreviews.org/doi/pdf/10.1146/annurev-publhealth-040617-013507

## **Qualitative Research and Fieldwork**

Geib, Claudia, "The Long-Term Effects of Covid-19 on Field Science." https://undark.org/2020/03/31/coronavirus-science-long-term-effects/

Lupton, Deborah. ed., "Doing Fieldwork in a Pandemic" (2020). <a href="https://docs.google.com/document/d/1clGjGABB2h2qbduTgfqribHmog9B6P0NvMgVuiHZCl8/preview?pru=AAABcVdSGGI\*\_V0VzyooTUi\_sowRUvXRJQ">https://docs.google.com/document/d/1clGjGABB2h2qbduTgfqribHmog9B6P0NvMgVuiHZCl8/preview?pru=AAABcVdSGGI\*\_V0VzyooTUi\_sowRUvXRJQ</a>

Ravitch, Sharon M., "The Best Laid Plans... Qualitative Research Design During COVID-19."

https://www.socialsciencespace.com/2020/03/the-best-laid-plans-qualitative-research-design-during-covid-19/

## **Statistical and Graphical Methodologies**

Anadiotis, George, "Graph analytics and knowledge graphs facilitate scientific research for COVID-19."

https://www.zdnet.com/article/graph-analytics-and-knowledge-graphs-facilitate-scientific-research-for-covid-19/

"Methodologies for COVID-19 Research and Data Analysis." https://www.biomedcentral.com/collections/COVID19-research-methodology

#### **Clinical Research**

Busta, Emily R. et al., eds. *Integrating Clinical Research into Epidemic Response* (National Academy Press, 2017).

https://www.ncbi.nlm.nih.gov/books/NBK441674/

McDermott, Mary M., and Anne B. Newman, "Preserving Clinical Trial Integrity During the Coronavirus Pandemic." *Journal of the American Medical Association* (March 25, 2020).

https://jamanetwork.com/journals/jama/fullarticle/2763819

#### The Process of Research and Publication

Centers for Disease Control, "COVID-19 Databases and Journals." <a href="https://www.cdc.gov/library/researchguides/2019novelcoronavirus/databasesjournals.html">https://www.cdc.gov/library/researchguides/2019novelcoronavirus/databasesjournals.html</a>

National Institutes of Health, "General Frequently Asked Questions (FAQs) - Proposal Submission and Award Management Related to COVID-19" (March 10, 2020).

https://grants.nih.gov/grants/guide/notice-files/NOT-OD-20-083.html

National Science Foundation, "Frequently Asked Questions (FAQs) About the Coronavirus Disease 2019 (COVID-19) for National Science Foundation (NSF) Proposers and Awardees." (March 4, 2020).

https://www.nsf.gov/pubs/2020/nsf20053/nsf20053.jsp?WT.mc\_id=USNSF\_80

## **Teaching Research Methods Online**

"Teaching Social Research Methods and Data Science Skills Online: Using Lean Methods to Build Effective E-Learning Solutions."

 $\underline{https://campus.sagepub.com/teaching-social-research-methods-and-data-science-\underline{skills-online}}$