

Short Course III: Record Keeping and Data Management for High-Quality Science Reading List

American Psychological Association (2015) **Data Sharing: Principles and Considerations for Policy Development.** <http://www.apa.org/science/leadership/bsa/data-sharing-report.aspx>

American Statistical Association (2016) **Ethical Guidelines for Statistical Practice.** <http://www.amstat.org/about/pdfs/EthicalGuidelines.pdf>

Blum C. (2012) **Access to and Retention of Research Data: Rights and Responsibilities.** Council on Governmental Relations, Washington, DC. <http://www.cogr.edu/COGR/files/ccLibraryFiles/Filename/000000000024/>

Ferguson AR, Nielson JL, Cragin MH, Bandrowski AE, Martone ME (2014) **Big Data from Small Data: Data-Sharing in the 'Long Tail' of Neuroscience.** *Nature Neuroscience* 17: 1442–1447. <https://www.researchgate.net/publication/267625305>

Howard Hughes Medical Institute and Burroughs Wellcome Fund (2006) **Data Management and Laboratory Notebooks.** Making the right moves: A practical guide to scientific management for postdocs and new faculty 2: 143-152. http://www.hhmi.org/sites/default/files/Educational%20Materials/Lab%20Management/Making%20the%20Right%20Moves/moves2_ch8.pdf#page=3

Michigan State University (2016) **Lifecycle Data Management Planning.** <https://www.lib.msu.edu/about/diginfo/ldmp/>

Oxenham S. (2016) **Legal Confusion Threatens to Slow Data Science.** <http://www.nature.com/news/legal-confusion-threatens-to-slow-data-science-1.20359>

Resources for Research Ethics Education (2016) **Data Management.** <http://research-ethics.net/topics/data-management/>

Resources for Research Ethics Education (2016) **Research Misconduct.** <http://research-ethics.net/topics/research-misconduct/>

University of California San Francisco (2016) **Data Sharing & Data Management.** <http://guides.ucsf.edu/datamgmt>

University of California San Diego (2016) **Case of the Month**. Research Ethics Program.
<http://ethics.ucsd.edu/news-and-events/case-of-the-month/>

University System of New Hampshire (2016) **UNH Policy Ownership, Management, and Sharing of Research Data**. <http://www.usnh.edu/policy/unh/viii-research-policies/c-unh-policy-ownership-management-and-sharing-research-data>

Warren E. (2016) **Strengthening Research through Data Sharing**.
<http://www.nejm.org/doi/full/10.1056/NEJMp1607282?query=TOC&#article>

Voytek B. (2016) **The Virtuous Cycle of a Data Ecosystem**. PLoS Comput Biol 12(8): e1005037. doi:10.1371/journal.pcbi.1005037
<http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1005037>

McKiernan, E. C., Bourne, P. E., Brown, C. T., Buck, S., Kenall, A., Lin, J., ... Zhang, Y. (2016). **How open science helps researchers succeed**. eLife, 5, 372–382.
<http://www.ncbi.nlm.nih.gov/pubmed/27387362>

Alberts, B., Cicerone, R. J., Fienberg, S. E., Kamb, A., McNutt, M., Nerem, R. M., Committee on Science. (2015). **Self-correction in science at work**. Science, 348(6242), 1420–1422. <http://science.sciencemag.org/content/348/6242/1420>

Ebersole Cr Axt Jr. (2016) **Scientists' Reputations Are Based on Getting It Right, Not Being Right**. - PubMed - NCBI. PLoS Biol., 14(5).
<http://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.1002460>

Chretien J-P, Rivers CM, Johansson MA (2016) **Make Data Sharing Routine to Prepare for Public Health Emergencies**. PLoS Med 13(8): e1002109.
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