

Take control of your PhD journey GEN-8001

Reading list, autumn 2019

All material is available online. In case of articles that are not open access, you need to log on to the UiT network via [VPN](#) if you want to access them when off-campus.

The reading material is listed according to the recommended chronology of reading.

Academic integrity and the transparency of science

Carter, G. G. (2015, August 12). Goals of science vs Goals of scientists (& a love letter to PLOS One) [Blog post]. Retrieved from <https://socialbat.org/2015/08/12/goals-of-science-vs-goals-of-scientists-a-love-letter-for-plos-one/> (10 pages.)

Sovacool, B. K. (2008). Exploring scientific misconduct: Isolated individuals, impure institutions, or an inevitable idiom of modern science? *Journal of Bioethical Inquiry*, 5, 271–282. <https://doi.org/10.1007/s11673-008-9113-6> (12 pages)

Munafò, M. R., Nosek, B. A., Bishop, D. V. M., Button, K. S., Chambers, C. D., Percie du Sert, N., . . . Ioannidis, J. P. A. (2017). A manifesto for reproducible science. *Nature Human Behaviour*, 1, 0021. <https://doi.org/10.1038/s41562-016-0021> (9 pages)

Roig, M. (2013). *Avoiding plagiarism, self-plagiarism, and other questionable writing practices: A guide to ethical writing*. Rockville, MD: The Office of Research Integrity, U.S. Department of Health & Human Services. Retrieved from <http://ori.hhs.gov/avoiding-plagiarism-self-plagiarism-and-other-questionable-writing-practices-guide-ethical-writing> (ca. 40 pages)

Literature search

Randolph, J. J. (2009). A Guide to Writing the Dissertation Literature Review. *Practical Assessment, Research & Evaluation*, 14(13). Retrieved from <https://pareonline.net/getvn.asp?v=14&n=13> (13 pages)

Pautasso, M. (2013). Ten Simple Rules for Writing a Literature Review. *PLOS Computational Biology*, 9(7), e1003149. <https://doi.org/10.1371/journal.pcbi.1003149> (4 pages)

Kugley, S., Wade, A., Thomas, J., Mahood, Q., Jørgensen, A.-M. K., Hammerstrøm, K., & Sathe, N. (2017). *Searching for studies: A guide to information retrieval for Campbell Systematic Reviews*. Oslo: The Campbell Collaboration. Retrieved from <https://www.campbellcollaboration.org/library/searching-for-studies-information-retrieval-guide-campbell-reviews.html> (p. 11-38 = 27 pages)

Open access publishing

Brembs, B., (2018). Prestigious science journals struggle to reach even average reliability. *Frontiers in Human Neuroscience*, 12(37). <https://doi.org/10.3389/fnhum.2018.00037> (7 pages)

- McKiernan, E. C., Bourne, P. E., Brown, C. T., Buck, S., Kenall, A., Lin, J., . . . Yarkoni, T. (2016). How open science helps researchers succeed. *eLife*, 5, e16800. <https://doi.org/10.7554/eLife.16800> (18 pages)
- Hunt, M., & Swan, A. (2015). *Briefing paper: Open Access*. PASTEUR40A. <https://doi.org/10.5281/zenodo.44323> (6 pages)
- UiT The Arctic University of Norway. (2019). Principles for open access to academic publications at UiT The Arctic University of Norway. Retrieved from https://en.uit.no/Content/626289/cache=20191704103344/Principles%20for%20open%20access%20at%20UiT_2019.pdf (English version) and https://uit.no/Content/624071/cache=20192803125259/Prinsipper%2Bfor%2Båpen%2Btilgang%2Btil%2Bvitenskapelige%2Bpublikasjoner%2Bved%2BUiT_vedtatt%2B07022019.pdf (Norwegian version) (2 pages)

Research data management

- Alter, G. & Gonzalez, R. (2018). Responsible practices for data sharing. *American Psychologist*, 73(2), 146-156. <http://dx.doi.org/10.1037/amp0000258> (10 pages)
- Van den Eynden, V., Corti, L., Woollard, M., Bishop, L. & Horton L. (2011). *Managing and sharing data: A best practice guide for researchers*. 3 ed. Colchester: UK Data Archive. Pages 1-30. Retrieved from <http://repository.essex.ac.uk/2156/> (p. 1-30 = 30 pages)
- UiT The Arctic University of Norway. (2017). Principles and guidelines for research data management at UiT. Retrieved from https://intranett.uit.no/Content/532111/cache=20170109133727/Principles%20and%20guidelines%20for%20research%20management%20at%20UiT_010917.pdf (English version) and https://intranett.uit.no/Content/523436/Policy_forskningsdata_UiT_090317.pdf (Norwegian version) (4 pages)

Reading list, alphabetically ordered

- Alter, G. & Gonzalez, R. (2018). Responsible practices for data sharing. *American Psychologist*, 73(2), 146-156. <http://dx.doi.org/10.1037/amp0000258> (10 pages)
- Brembs, B., (2018). Prestigious science journals struggle to reach even average reliability. *Frontiers in Human Neuroscience*, 12(37). <https://doi.org/10.3389/fnhum.2018.00037> (7 pages)
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- McKiernan, E. C., Bourne, P. E., Brown, C. T., Buck, S., Kenall, A., Lin, J., . . . Yarkoni, T. (2016). How open science helps researchers succeed. *eLife*, 5, e16800. <https://doi.org/10.7554/eLife.16800> (18 pages)
- Munafò, M. R., Nosek, B. A., Bishop, D. V. M., Button, K. S., Chambers, C. D., Percie du Sert, N., . . . Ioannidis, J. P. A. (2017). A manifesto for reproducible science. *Nature Human Behaviour*, 1, 0021. <https://doi.org/10.1038/s41562-016-0021> (9 pages)
- Pautasso, M. (2013). Ten Simple Rules for Writing a Literature Review. *PLoS Computational Biology*, 9(7), e1003149. <https://doi.org/10.1371/journal.pcbi.1003149> (4 pages)
- Randolph, J. J. (2009). A Guide to Writing the Dissertation Literature Review. *Practical Assessment, Research & Evaluation*, 14(13). Retrieved from <https://pareonline.net/getvn.asp?v=14&n=13> (13 pages)
- Roig, M. (2013). *Avoiding plagiarism, self-plagiarism, and other questionable writing practices: A guide to ethical writing*. Rockville, MD: The Office of Research Integrity, U.S. Department of Health & Human Services. Retrieved from <http://ori.hhs.gov/avoiding-plagiarism-self-plagiarism-and-other-questionable-writing-practices-guide-ethical-writing> (ca. 40 pages)
- Sovacool, B. K. (2008). Exploring scientific misconduct: Isolated individuals, impure institutions, or an inevitable idiom of modern science? *Journal of Bioethical Inquiry*, 5, 271–282. <https://doi.org/10.1007/s11673-008-9113-6> (12 pages)
- UiT The Arctic University of Norway. (2017). Principles and guidelines for research data management at UiT. Retrieved from https://intranett.uit.no/Content/532111/cache=20170109133727/Principles%20and%20guidelines%20for%20research%20management%20at%20UiT_010917.pdf (English version) and https://intranett.uit.no/Content/523436/Policy_forskningsdata_UiT_090317.pdf (Norwegian version) (4 pages)
- UiT The Arctic University of Norway. (2019). Principles for open access to academic publications at UiT The Arctic University of Norway. Retrieved from https://en.uit.no/Content/626289/cache=20191704103344/Principles%20for%20open%20access%20at%20UiT_2019.pdf (English version) and https://uit.no/Content/624071/cache=20192803125259/Prinsipper%20for%20åpen%20tilgang%20til%20vitenskapelige%20publikasjoner%20ved%20UiT_vedtatt%2007022019.pdf (Norwegian version) (2 pages)
- Van den Eynden, V., Corti, L., Woollard, M., Bishop, L. & Horton L. (2011). *Managing and sharing data: A best practice guide for researchers*. 3 ed. Colchester: UK Data Archive. Pages 1-30. Retrieved from <http://repository.essex.ac.uk/2156/> (p. 1-30 = 30 pages)