

## Take control of your PhD journey GEN-8001

Reading list, spring 2020

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://onlinelibrary.wiley.com/doi/pdf/10.4073/cm.2016.1> (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](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](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](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](https://intranett.uit.no/Content/523436/Policy_forskningsdata_UiT_090317.pdf) (Norwegian version) (4 pages)

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### **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)
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- 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)
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- 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](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%20B07022019.pdf](https://uit.no/Content/624071/cache=20192803125259/Prinsipper%20for%20Åpen%20tilgang%20til%20vitenskapelige%20publikasjoner%20ved%20UiT_vedtatt%20B07022019.pdf) (Norwegian version) (2 pages)

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